RADIO TEST REPORT

FCC ID	:	RAXAIOS65V
Equipment	:	HEOS 6.5 Platform Module
Brand Name	:	Arcadyan
Model Name	:	WN9722NAX22-E7(AIOS6.5 Type-V)
Applicant	:	Arcadyan Technology Corporation No.8, Sec.2, Guangfu Rd., Hsinchu, 30071 Taiwan
Manufacturer	:	Arcadyan Technology Corporation No.8, Sec.2, Guangfu Rd., Hsinchu, 30071 Taiwan
Standard	:	47 CFR FCC Part 15.407

The product was received on Aug. 24, 2022, and testing was started from Sep. 03, 2022 and completed on Oct. 13, 2022. We, Sporton International Inc. Hsinchu Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

The test results in this report apply exclusively to the tested model / sample. Without written approval of Sporton International Inc. Hsinchu Laboratory, the test report shall not be reproduced except in full.

Approved by: Sam Chen

Sporton International Inc. Hsinchu Laboratory
No.8, Ln. 724, Bo'ai St., Zhubei City, Hsinchu County 302010, Taiwan (R.O.C.)

Table of Contents

History of this test report

Report No.	Version	Description	Issued Date
FR282318AB	01	Initial issue of report	Oct. 31, 2022

Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
1.1.2	15.203	Antenna Requirement	PASS	-
3.1	15.207	AC Power-line Conducted Emissions	PASS	-
3.2	15.407(a)	Emission Bandwidth	PASS	-
3.3	15.407(a)	Maximum Output Power	PASS	-
3.4	15.407(a)	Power Spectral Density	PASS	-
3.5	15.407(b)	Unwanted Emissions	PASS	-

Declaration of Conformity:
1. The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers. It's means measurement values may risk exceeding the limit of regulation standards, if measurement uncertainty is include in test results. 2. The measurement uncertainty please refer to report "Measurement Uncertainty".
Comments and Explanations:
The declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification.

Reviewed by: Sam Chen

Report Producer: Penny Kao

1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
5150-5250	a, n (HT20), ac (VHT20), ax (HEW20)	5180-5240	36-48 [4]
5250-5350		5260-5320	52-64 [4]
5470-5725		5500-5720	100-144 [12]
5725-5850		5745-5825	149-165 [5]
5150-5250	n (HT40), ac (VHT40), ax (HEW40)	5190-5230	38-46 [2]
5250-5350		5270-5310	54-62 [2]
5470-5725		5510-5710	102-142 [6]
5725-5850		5755-5795	151-159 [2]
5150-5250	ac (VHT80), ax (HEW80)	5210	42 [1]
5250-5350		5290	58 [1]
5470-5725		5530-5690	106-138 [3]
5725-5850		5775	155 [1]

Band	Mode	BWch (MHz)	Nant
5.15-5.25GHz	802.11a	20	2TX
5.15-5.25GHz	802.11n HT20	20	2TX
5.15-5.25GHz	802.11ac VHT20	20	2TX
5.15-5.25GHz	802.11ax HEW20	20	2TX
5.15-5.25GHz	802.11n HT40	40	2TX
5.15-5.25GHz	802.11ac VHT40	40	2TX
5.15-5.25GHz	802.11ax HEW40	40	2TX
5.15-5.25GHz	802.11ac VHT80	80	2TX
5.15-5.25GHz	802.11ax HEW80	80	2TX
5.25-5.35GHz	802.11a	20	2TX
5.25-5.35GHz	802.11n HT20	20	2TX
5.25-5.35GHz	802.11ac VHT20	20	2TX
5.25-5.35GHz	802.11ax HEW20	20	2TX
5.25-5.35GHz	802.11n HT40	40	2TX
5.25-5.35GHz	802.11ac VHT40	40	2TX
5.25-5.35GHz	802.11ax HEW40	40	2TX
5.25-5.35GHz	802.11ac VHT80	80	2TX

5.25-5.35GHz	802.11ax HEW80	80	2TX
5.47-5.725GHz	802.11a	20	2TX
5.47-5.725GHz	802.11n HT20	20	2TX
5.47-5.725GHz	802.11ac VHT20	20	2TX
5.47-5.725GHz	802.11ax HEW20	20	2TX
5.47-5.725GHz	802.11n HT40	40	2TX
5.47-5.725GHz	802.11ac VHT40	40	2TX
5.47-5.725GHz	802.11ax HEW40	40	2TX
5.47-5.725GHz	802.11ac VHT80	80	2TX
5.47-5.725GHz	802.11ax HEW80	80	2TX
5.725-5.85GHz	802.11a	20	2TX
5.725-5.85GHz	802.11n HT20	20	2TX
5.725-5.85GHz	802.11ac VHT20	20	2TX
5.725-5.85GHz	802.11ax HEW20	20	2TX
5.725-5.85GHz	802.11n HT40	40	2TX
5.725-5.85GHz	802.11ac VHT40	40	2TX
5.725-5.85GHz	802.11ax HEW40	40	2TX
5.725-5.85GHz	802.11ac VHT80	80	2TX
5.725-5.85GHz	802.11ax HEW80	80	2TX

Note:
- 11a, HT20 and HT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM modulation.
- VHT20, VHT40, VHT80 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM modulation.
- HEW20, HEW40, HEW80 use a combination of OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM modulation.
- BWch is the nominal channel bandwidth.

1.1.2 Antenna Information

Ant.	Port		Brand	Model Name	Type	Conne-ctor	Gain(dBi)		Cable Loss (dBi)		Net Gain (dBi)		Cable Length (mm)
	WLAN 2.4GHz /BT	WLAN 5GHz					WLAN 2.4GHz /BT	WLAN 5GHz	WLAN 2.4GHz /BT	WLAN 5GHz	WLAN 2.4GHz /BT	WLAN 5GHz	
1	1/2	-	Airgain	N2420DG3-T2L-PK1-G30U	Dipole	I-PEX	3.1	2.8	0.11	0.15	3	2.65	30
2	-	-	Airgain	N2420DG3-T2L-PK1-G100U	Dipole	I-PEX	3.1	2.8	0.35	0.49	2.75	2.31	100
3	-	-	Airgain	N2420DG3-T2L-PK1-G600U	Dipole	I-PEX	3.1	2.8	2.10	2.94	1	-0.14	600
4	-	-	Airgain	N2420DG3-T2L-PK1-G400U	Dipole	I-PEX	3.1	2.8	1.40	1.96	1.7	0.84	400
5	-	-	Airgain	N2420DG3-T2L-PK1-G300U	Dipole	I-PEX	3.1	2.8	1.05	1.47	2.05	1.33	300
6	-	1/2	Airgain	N2425D-T2L-PK1-G30U	PIFA	I-PEX	1.9	3.5	0.11	0.15	1.8	3.35	30
7	-		Airgain	N2425D-T2R-PK1-G150U	PIFA	I-PEX	1.9	3.5	0.53	0.74	1.38	2.77	150
8	-	-	Airgain	N2425D-T2R-PK1-G30U	PIFA	I-PEX	1.9	3.5	0.11	0.15	1.80	3.35	30
9	-	-	Airgain	N2425D-T2R-PK1-G500U	PIFA	I-PEX	1.9	3.5	1.75	2.45	0.15	1.05	500
10	-	-	LITE	120300058800J (503021-0123-0BC) Dual Band Fixed Rod Antenna	Dipole	I-PEX	Fixed Dipole antenna with 450mm cable				2.55	2.35	450
11	-	-	LITE	120300055601J (501301-0019-1BC) +120700034000J (510411-5210-24C) (300mm Gray Cable)	Dipole	I-PEX	Dipole antenna with 300mm cable				2.72	2.97	300
12	-	-	LITE	120300055600J (501301-0019-1BC) +120700034000J (510411-5210-24C) (300mm Gray Cable)	Dipole	I-PEX	Dipole antenna with 300mm cable				2.72	2.97	300
13	-	-	LITE	120300055601J (501301-0019-1BC) +120700042100J (510411-5300-23C) (500mm Gray Cable)	Dipole	I-PEX	Dipole antenna with 500mm cable				1.85	2.09	500
14	-	-	LITE	120300055600J (501301-0019-1BC) +120700042100J (510411-5300-23C) (500mm Gray Cable)	Dipole	I-PEX	Dipole antenna with 500mm cable				1.85	2.09	500
15	-	1/2	LITE	503021-0003-0BC (AIOS5 only) Dual Band Fixed Rod Antenna	Dipole	I-PEX	Fixed Dipole antenna with 200mm cable				2.52	3.04	200
16	-	-	LITE	503021-0013-0BC Dual Band Fixed Rod Antenna	Dipole	I-PEX	Fixed Dipole antenna with 500mm cable				1.74	1.68	500
17	-	-	LITE	120300055601J (501301-0019-1BC) +510411-5310-23C (200mm Gray Cable)	Dipole	I-PEX	Dipole antenna with 200mm cable				2.64	2.86	200
18	-	-	LITE	503021-0113-0BC (AIOS4 only) Dual Band Fixed Rod Antenna	Dipole	I-PEX	Fixed Dipole antenna with 300mm cable				2.35	2.44	300
19	-	-	Airgain	N2420DG3-T2L-PK1-G200U	Dipole	I-PEX	3.1	2.8	0.62	0.98	2.48	1.82	200
20	-	-	Airgain	N2420DG3-T2L-PK1-G520U	Dipole	I-PEX	3.1	2.8	1.61	2.55	1.49	0.25	520

Ant.	Port		Brand	Model Name	Type	Conne-ctor	Gain(dBi)		Cable Loss (dBi)		Net Gain (dBi)		Cable Length (mm)
	WLAN 2.4GHz /BT	WLAN 5GHz					WLAN 2.4GHz /BT	WLAN 5GHz	WLAN 2.4GHz /BT	WLAN 5GHz	WLAN 2.4GHz /BT	WLAN 5GHz	
21	1/2	-	KWANG HYUN AIRTECH	KH-WFDI-AN001	PIFA	I-PEX	4	2.8	0.6	1.2	3.4	1.6	160
22	-	-	KWANG HYUN AIRTECH	KH-WFDI-AN002	PIFA	I-PEX	4	2.8	0.7	1.3	3.3	1.5	210
23	-	-	KWANG HYUN AIRTECH	KH-WFDI-AN004	PIFA	I-PEX	3.6	2.1	1.5	2.7	2.1	-0.6	470
24	-	-	KWANG HYUN AIRTECH	KH-WFDI-AN005	PIFA	I-PEX	3.5	2.1	1.2	1.9	2.3	0.2	400
25	-	-	KWANG HYUN AIRTECH	KH-WFDI-AN006	PIFA	I-PEX	3.5	2.1	2.3	4	1.2	-1.9	810
26	-	-	KWANG HYUN AIRTECH	KH-WFDI-AN007	PIFA	I-PEX	2.6	2.1	1.2	1.9	1.4	0.2	384
27	-	-	KWANG HYUN AIRTECH	KH-WFDI-AN008	PIFA	I-PEX	3.5	2.1	1.2	1.9	2.3	0.2	400

Note1: Directional gain information

Maximum Output Power	Power Spectral Density
Directional gain = Max.gain + array gain. For power measurements on IEEE 802.11 devices Array Gain = 0 dB (i.e., no array gain) for N ANT ≤ 4	$DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$

Ex.

Directional Gain (NSS1) formula : $Directiona\ lGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$

NSS1(g1,1) = $10^{G1/20}$; NSS1(g1,2)= $10^{G2/20}$;

gj,k =(Nss1(g1,1) + Nss1(g1,2))^2

DG = 10 log[(Nss1(g1,1) + Nss1(g1,2))^2 / N_{ANT}] => 10 log[($10^{G1/20}$ + $10^{G2/20}$)^2 / N_{ANT}]

Where ;

2.4G G1 = 3.40 dBi; G2 = 3.40 dBi; DG = 6.41 dBi

5G G1 = 3.35 dBi; G2 = 3.35 dBi; DG = 6.36 dBi

Note2: The above information was declared by manufacturer.

Note3 : The EUT has two type antennas.

Dipole Antenna collocate with 16 antennas selling.

PIFA Antenna collocate with 11 antennas selling.

For AC Power-line Conducted Emissions/RF Conducted Tests:

The highest gain: “Ant.21” for WLAN 2.4GHz/BT & ”Ant.6” for WLAN 5GHz were selected to perform the test.

For RF Radiated:
The highest gain of Dipole: “Ant.1” for WLAN 2.4GHz/Bluetooth & ”Ant.15” for WLAN 5GHz were selected to perform the test.
The highest gain of PIFA: “Ant.21” for WLAN 2.4GHz/Bluetooth & ”Ant.6” for WLAN 5GHz were selected to perform the test.
<WLAN 2.4GHz function>
For IEEE 802.11b/g/n/VHT/ax (2TX/2RX):
Port 1, Port 2 can be used as transmitting/receiving antenna.
Port 1, Port 2 could transmit/receive simultaneously.
<WLAN 5GHz function>
For IEEE 802.11a/n/ac/ax mode (2TX/2RX)
Port 1, Port 2 can be used as transmitting/receiving antenna.
Port 1, Port 2 could transmit/receive simultaneously.
<Bluetooth function> (1TX/1RX):
Port 1 can be used as transmitting/receiving antenna.
Port 1 could transmit/receive simultaneously.

1.1.3 Mode Test Duty Cycle

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11a	0.902	0.45	5.488m	300
802.11ax HEW20	0.836	0.78	1.97m	1k
802.11ax HEW40	0.8	0.97	1.964m	1k
802.11ax HEW80	0.653	1.85	968.75u	3k

Note:
- DC is Duty Cycle.
- DCF is Duty Cycle Factor.

1.1.4 EUT Operational Condition

EUT Power Type	From host system			
Beamforming Function	☐	With beamforming	☒	Without beamforming
Weather Band	☒	With 5600~5650MHz	☐	Without 5600~5650MHz
Function	☐	Outdoor P2M	☒	Indoor P2M
	☐	Fixed P2P	☐	Client
	☒	Point-to-multipoint	☐	Point-to-point
TPC Function	☐	With TPC	☒	Without TPC
Test Software Version	DOS V6.1.7601			

Note: The above information was declared by manufacturer.

1.2 Applicable Standards

According to the specifications of the manufacturer, the EUT must comply with the requirements of the following standards:

- 47 CFR FCC Part 15
- ANSI C63.10-2013
- FCC KDB 789033 D02 v02r01

The following reference test guidance is not within the scope of accreditation of TAF.

- FCC KDB 662911 D01 v02r01
- FCC KDB 412172 D01 v01r01
- FCC KDB 414788 D01 v01r01

1.3 Testing Location Information

Testing Location Information	
Test Lab.：Sporton International Inc. Hsinchu Laboratory	
Hsinchu (TAF: 3787)	ADD: No.8, Ln. 724, Bo'ai St., Zhubei City, Hsinchu County 302010, Taiwan (R.O.C.) TEL: 886-3-656-9065 FAX: 886-3-656-9085 Test site Designation No. TW3787 with FCC. Conformity Assessment Body Identifier (CABID) TW3787 with ISED.

Test Condition	Test Site No.	Test Engineer	Test Environment (°C / %)	Test Date
RF Conducted	TH03-CB	Owen Hsu	23.5-23.9 / 56-69	Sep. 13, 2022~ Sep. 29, 2022
Radiated Below 1GHz	03CH05-CB	RJ Huang	25.4~26.5 / 62~65	Sep. 20, 2022
Radiated Above 1GHz	03CH02-CB	Ken Yeh	23~23.5 / 56~58	Sep. 03, 2022~ Sep. 28, 2022
	03CH04-CB		25.1~26.5 / 60~65	
	03CH03-CB		23.4~24.3 / 56~59	
	03CH06-CB		24.9~26.2 / 61~63	
Radiated Co-location	03CH05-CB	Ken Yeh	22.9~24.7 / 55~60	Oct. 11, 2022~ Oct. 13, 2022
AC Conduction	CO01-CB	Dean Chang	22~23 / 52~53	Sep. 08, 2022

1.4 Measurement Uncertainty

ISO/IEC 17025 requires that an estimate of the measurement uncertainties associated with the emissions test results be included in the report. The measurement uncertainties given below are based on a 95% confidence level (based on a coverage factor (k=2)

Test Items	Uncertainty	Remark
Conducted Emission (150kHz ~ 30MHz)	3.4 dB	Confidence levels of 95%
Radiated Emission (9kHz ~ 30MHz)	3.4 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	5.6 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	5.2 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	4.7 dB	Confidence levels of 95%
Conducted Emission	3.2 dB	Confidence levels of 95%
Output Power Measurement	0.8 dB	Confidence levels of 95%
Power Density Measurement	3.2 dB	Confidence levels of 95%
Bandwidth Measurement	2.0 %	Confidence levels of 95%

2 Test Configuration of EUT

2.1 Test Channel Mode

Mode	Power Setting
802.11a_Nss1,(6Mbps)_2TX	-
5180MHz	13
5200MHz	15
5240MHz	19
5260MHz	15.5
5300MHz	12.5
5320MHz	11.5
5500MHz	10.5
5580MHz	18.5
5700MHz	12
5720MHz Straddle 5.47-5.725GHz	18.5
5720MHz Straddle 5.725-5.85GHz	18.5
5745MHz	15.5
5785MHz	16
5825MHz	16
802.11ax HEW20_Nss1,(MCS0)_2TX	-
5180MHz	13
5200MHz	14.5
5240MHz	17
5260MHz	16.5
5300MHz	12.5
5320MHz	11.5
5500MHz	10
5580MHz	19.5
5700MHz	11.5
5720MHz Straddle 5.47-5.725GHz	15.5
5720MHz Straddle 5.725-5.85GHz	15.5
5745MHz	17.5
5785MHz	17
5825MHz	18
802.11ax HEW40_Nss1,(MCS0)_2TX	-
5190MHz	12
5230MHz	17
5270MHz	15
5310MHz	12
5510MHz	10.5

Mode	Power Setting
5550MHz	15
5670MHz	15.5
5710MHz Straddle 5.47-5.725GHz	19.5
5710MHz Straddle 5.725-5.85GHz	19.5
5755MHz	20
5795MHz	9.5
802.11ax HEW80_Nss1,(MCS0)_2TX	-
5210MHz	9.5
5290MHz	9.5
5530MHz	8.5
5610MHz	15.5
5690MHz Straddle 5.47-5.725GHz	20
5690MHz Straddle 5.725-5.85GHz	20
5775MHz	17

Note:
- Evaluated HEW20/HEW40/HEW80 mode only due to the similar modulation.
  The power setting of HT20/HT40/VHT20/VHT40/VHT80 mode are the same or lower than HEW20/HEW40/HEW80.

2.2 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests	
Tests Item	AC power-line conducted emissions
Condition	AC power-line conducted measurement for line and neutral Test Voltage: 120Vac / 60Hz
Operating Mode	Normal Link
1	EUT_WLAN 2.4GHz/BT + PIFA Ant. 21
2	EUT_WLAN 5GHz/BT + PIFA Ant. 6
For operating mode 2 is the worst case and it was record in this test report.	

The Worst Case Mode for Following Conformance Tests	
Tests Item	Emission Bandwidth Maximum Output Power Power Spectral Density
Test Condition	Conducted measurement at transmit chains
1	EUT_WLAN 5GHz + PIFA Ant. 6

The Worst Case Mode for Following Conformance Tests	
Tests Item	Unwanted Emissions
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.
Operating Mode < 1GHz	Normal Link
1	EUT in X axis_WLAN 2.4GHz/BT + Dipole Ant. 1
2	EUT in Y axis_WLAN 2.4GHz/BT + Dipole Ant. 1
3	EUT in Z axis_WLAN 2.4GHz/BT + Dipole Ant. 1
Mode 3 has been evaluated to be the worst case among Mode 1~3, thus measurement for Mode 4 ~ 6 will follow this same test mode.	
4	EUT in Z axis_WLAN 5GHz/BT + Dipole Ant. 15
5	EUT in Z axis_WLAN 2.4GHz/BT + PIFA Ant. 21
6	EUT in Z axis_WLAN 5GHz/BT + PIFA Ant. 6
For operating mode 6 is the worst case and it was record in this test report.	

Operating Mode > 1GHz	CTX
	The EUT was performed at X axis, Y axis and Z axis position, and the worst case as below:
1	EUT in Y axis_WLAN 5GHz + Dipole Ant. 15
2	EUT in Y axis_WLAN 5GHz + PIFA Ant. 6

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Radiated Emission Co-location
Test Condition	Radiated measurement
Operating Mode	Normal Link
	The EUT was performed at X axis, Y axis and Z axis position for Unwanted Emissions above 1GHz, and the worst case was found as below. So the measurement will follow this same test configuration.
1	EUT in Z axis_WLAN 2.4GHz + Bluetooth
2	EUT in Z axis_WLAN 5GHz + Bluetooth
For operating mode 2 is the worst case and it was record in this test report.	
Refer to Appendix F for Radiated Emission Co-location.	

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Co-location RF Exposure Evaluation
Operating Mode	
1	WLAN 2.4GHz + Bluetooth
2	WLAN 5GHz + Bluetooth
Refer to Sporton Test Report No.: FA282318 for Co-location RF Exposure Evaluation.	

2.3 EUT Operation during Test

For CTX Mode:

The EUT was programmed to be in continuously transmitting mode.

For Normal Link:

During the test, the EUT operation to normal function.

2.4 Accessories

N/A

2.5 Support Equipment

For AC Conduction:

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	LAN NB	DELL	E6430	N/A
B	Flash disk3.0	Transcend	JetFlash-700	N/A
C	iPhone	apple	I12	N/A
D	AP Router	Tp-link	Ax10	N/A
E	2.4G NB	DELL	E6430	N/A
F	Test fixture	Arcadyan	WN9722NAX22-E7 Test jig	N/A

For Radiated (below 1GHz):

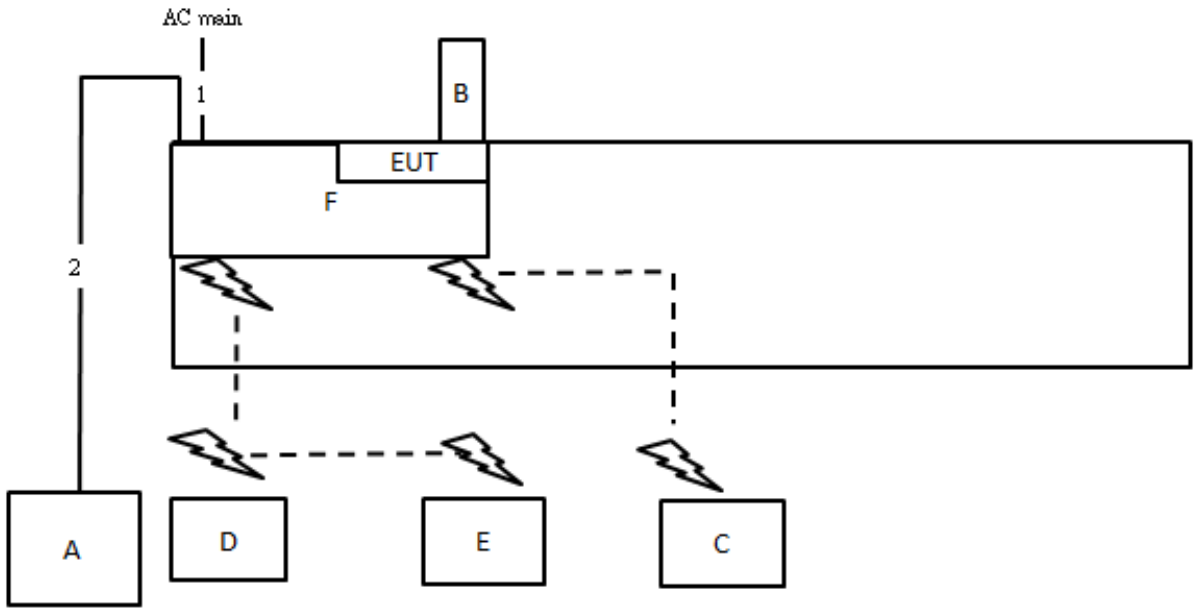
Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	Fixture	Arcadyan	WN9722NAX22-E7 Test jig	N/A
B	Notebook	DELL	E4300	N/A
C	Flash disk3.0	Transcend	JetFlash-700	N/A
D	iPhone 12	Apple	A2403	BCG-E3544A
E	WLAN AP	ASUS	RT-AX88U	MSQ-RTAXHP00

For Radiated (above 1GHz) and RF Conducted:

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	Fixture	Arcadyan	WN9722NAX22-E7 Test jig	N/A
B	Notebook	DELL	E4300	N/A

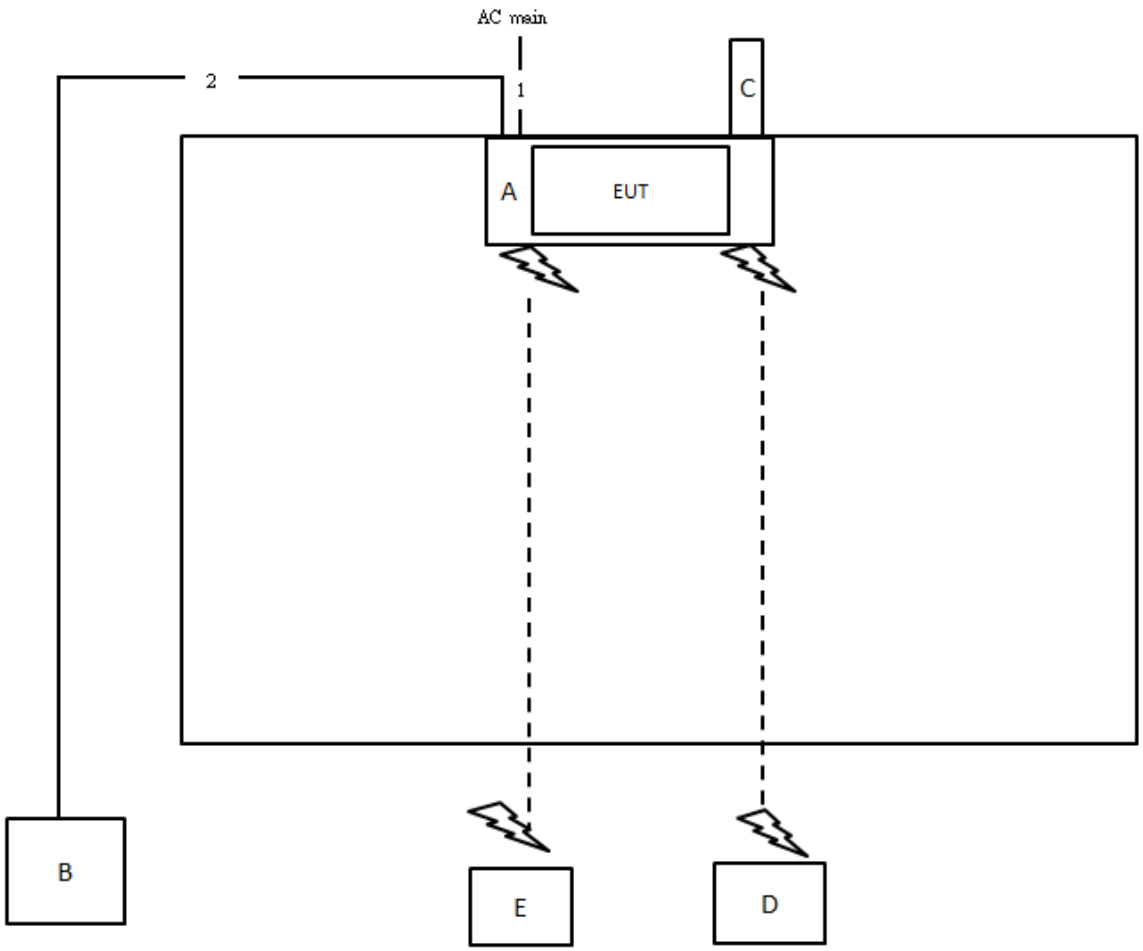
2.6 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



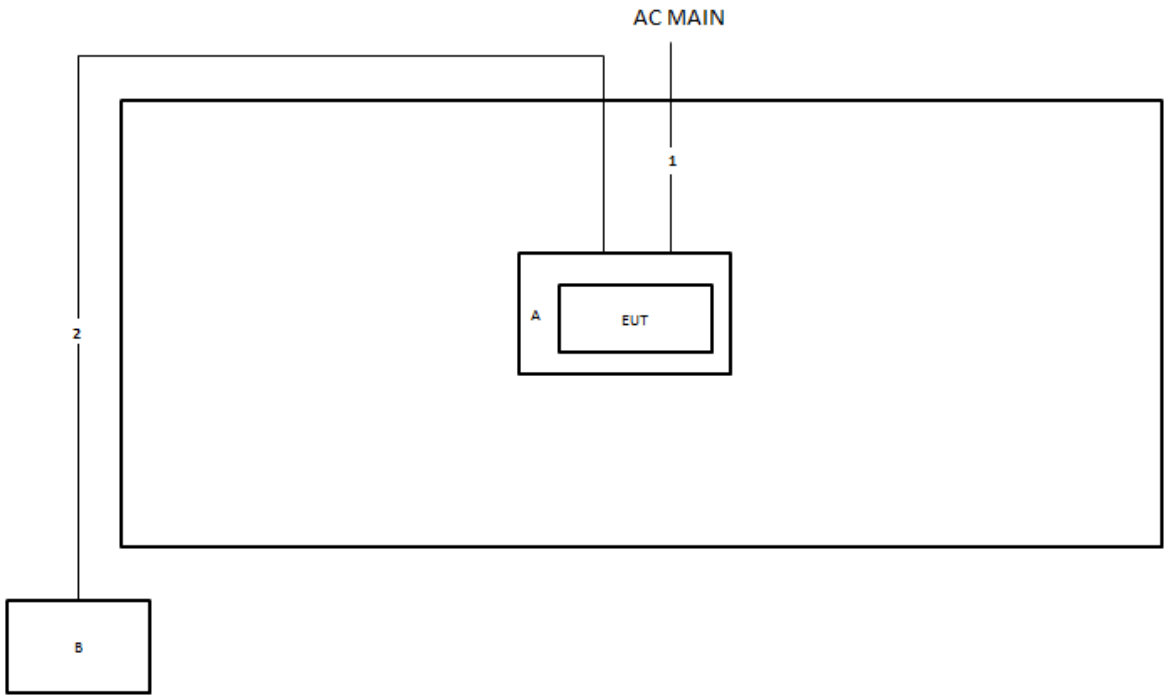
Item	Connection	Shielded	Length
1	Power cable	No	1.5m
2	RJ-45 cable	No	10m

Test Setup Diagram - Radiated Test < 1GHz



Item	Connection	Shielded	Length
1	Power cable	No	1.5m
2	RJ-45 cable	No	10m

Test Setup Diagram - Radiated Test > 1GHz



Item	Connection	Shielded	Length
1	Power cable	No	1.5m
2	RJ-45 cable	No	10m

3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

AC Power-line Conducted Emissions Limit		
Frequency Emission (MHz)	**Quasi-Peak**	**Average**
0.15-0.5	66 - 56 *	56 - 46 *
0.5-5	56	46
5-30	60	50
Note 1: * Decreases with the logarithm of the frequency.		

3.1.2 Measuring Instruments

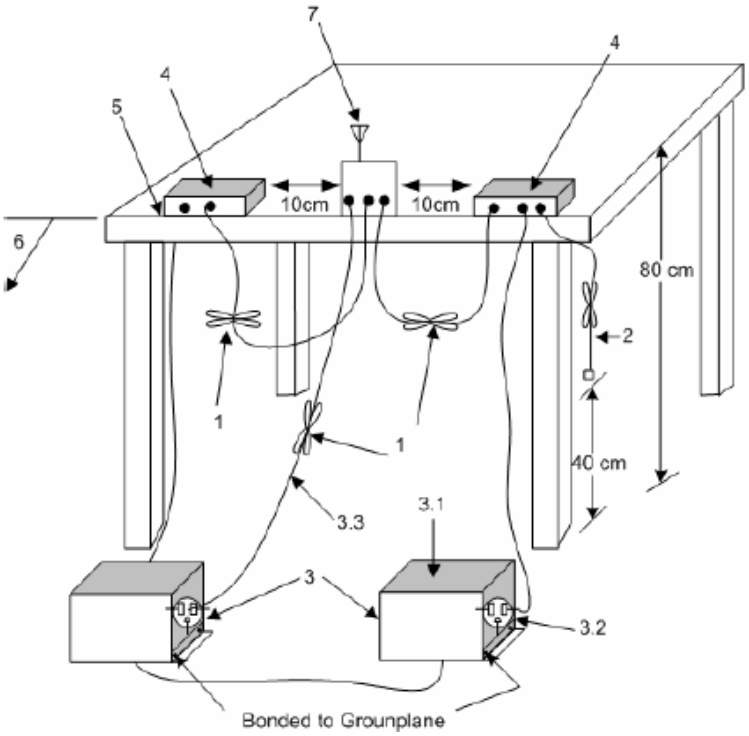
Refer a test equipment and calibration data table in this test report.

3.1.3 Test Procedures

Test Method
☒ Refer as ANSI C63.10-2013, clause 6.2 for AC power-line conducted emissions.

3.1.4 Test Setup

AC Power-line Conducted Emissions



1—Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle 30 cm to 40 cm long.
2—The I/O cables that are not connected to an accessory shall be bundled in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. The overall length shall not exceed 1 m.
3—EUT connected to one LISN. Unused LISN measuring port connectors shall be terminated in 50 Ω loads. LISN may be placed on top of, or immediately beneath, reference ground plane.
3.1—All other equipment powered from additional LISN(s).
3.2—A multiple-outlet strip may be used for multiple power cords of non-EUT equipment.
3.3—LISN at least 80 cm from nearest part of EUT chassis.
4—Non-EUT components of EUT system being tested.
5—Rear of EUT, including peripherals, shall all be aligned and flush with edge of tabletop.
6—Edge of tabletop shall be 40 cm removed from a vertical conducting plane that is bonded to the ground plane.
7—Antenna can be integral or detachable. If detachable, then the antenna shall be attached for this test.

3.1.5 Measurement Results Calculation

The measured Level is calculated using:

a. Corrected Reading: LISN Factor (LISN) + Attenuator (AT/AUX) + Cable Loss (CL) + Read Level (Raw) = Level

b. Margin = -Limit + Level

3.1.6 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 Emission Bandwidth

3.2.1 Emission Bandwidth Limit

Emission Bandwidth Limit	
UNII Devices	
☒	For the 5.15-5.25 GHz band, N/A
☒	For the 5.25-5.35 GHz band, the maximum conducted output power shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in MHz.
☒	For the 5.47-5.725 GHz band, the maximum conducted output power shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in MHz.
☒	For the 5.725-5.85 GHz band, 26 dB emission bandwidth ,N/A. 6 dB emission bandwidth ≥ 500kHz.
☐	For the 5.85-5.895 GHz band, 26 dB emission bandwidth ,N/A. 6 dB emission bandwidth ≥ 500kHz.
LE-LAN Devices	
☐	For the band 5.15-5.25 GHz, the maximum e.i.r.p. shall not exceed 200 mW or 10 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz.
☐	For the 5.25-5.35 GHz band, the maximum e.i.r.p. shall not exceed 1.0 W or 17 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz
☐	For the 5.47-5.6 GHz band and 5.65-5.725 GHz band, the maximum e.i.r.p. shall not exceed 1.0 W or 17 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz
☐	For the 5.725-5.85 GHz band, 6 dB emission bandwidth ≥ 500kHz.

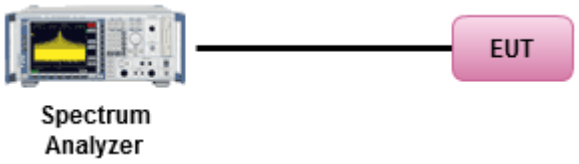
3.2.2 Measuring Instruments

Refer a test equipment and calibration data table in this test report.

3.2.3 Test Procedures

Test Method		
▪	For the emission bandwidth shall be measured using one of the options below:	
	☒	Refer as FCC KDB 789033 D02, clause C for EBW and clause D for OBW measurement.
	☐	Refer as ANSI C63.10, clause 6.9.1 for occupied bandwidth testing.
	☐	Refer as IC RSS-Gen, clause 4.6 for bandwidth testing.

3.2.4 Test Setup

Emission Bandwidth


3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B

3.3 Maximum Output Power

3.3.1 Limit

Maximum Output Power Limit	
UNII Devices	
☒	For the 5.15-5.25 GHz band:
	▪ Outdoor AP: the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If G_{TX} > 6 dBi, then P_{Out} = 30 – (G_{TX} – 6). e.i.r.p. at any elevation angle above 30 degrees ≤ 125mW [21dBm]
	▪ Indoor AP: the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If G_{TX} > 6 dBi, then P_{Out} = 30 – (G_{TX} – 6)
	▪ Point-to-point AP: the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W If G_{TX} > 23 dBi, then P_{Out} = 30 – (G_{TX} – 23).
	▪ Mobile or Portable Client: the maximum conducted output power (P_{Out}) shall not exceed the lesser of 250 mW. If G_{TX} > 6 dBi, then P_{Out} = 24 – (G_{TX} – 6).
☒	For the 5.25-5.35 GHz band, the maximum conducted output power (P_{Out}) shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in MHz. If G_{TX} > 6 dBi, then P_{Out} = 24 – (G_{TX} – 6).
☒	For the 5.47-5.725 GHz band, the maximum conducted output power (P_{Out}) shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in MHz. If G_{TX} > 6 dBi, then P_{Out} = 24 – (G_{TX} – 6).
☒	For the 5.725-5.85 GHz band:
	▪ Point-to-multipoint systems (P2M): the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If G_{TX} > 6 dBi, then P_{Out} = 30 – (G_{TX} – 6).
	▪ Point-to-point systems (P2P): the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W.
Maximum EIRP Limit	
☐	For the 5.85-5.895 GHz band:
	▪ Indoor AP & subordinate device < 36 dBm
	▪ Client device < 30 dBm
LE-LAN Devices	
☐	For the 5.15-5.25 GHz band, the maximum e.i.r.p. shall not exceed 200 mW or 10 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz.
☐	For the 5.25-5.35 GHz band, the maximum e.i.r.p. shall not exceed 1.0 W or 17 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz
☐	For the 5.47-5.6 GHz band and 5.65-5.725 GHz band, the maximum e.i.r.p. shall not exceed 1.0 W or 17 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz
☐	For the 5.725-5.85 GHz band:
	▪ Point-to-multipoint systems (P2M): the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If G_{TX} > 6 dBi, then P_{Out} = 30 – (G_{TX} – 6).
	▪ Point-to-point systems (P2P): the maximum conducted output power (P_{Out}) shall not exceed the

	lesser of 1 W.
P_{Out} = maximum conducted output power in dBm, G_{TX} = the maximum transmitting antenna directional gain in dBi.	

3.3.2 Measuring Instruments

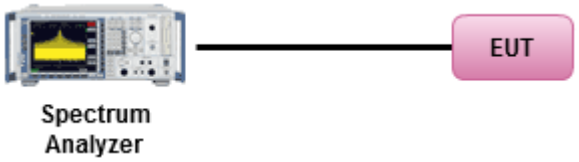
Refer a test equipment and calibration data table in this test report.

3.3.3 Test Procedures

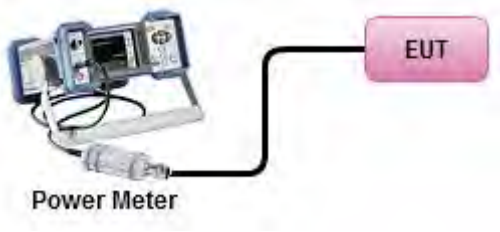
Test Method	
	Average over on/off periods with duty factor
	☒ Refer as FCC KDB 789033 D02, clause E Method SA-2 (spectral trace averaging).
	☐ Refer as FCC KDB 789033 D02, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
	Wideband RF power meter and average over on/off periods with duty factor
	☒ Refer as FCC KDB 789033 D02, clause E Method PM-G (using an RF average power meter).
☒	For conducted measurement.
	▪ If the EUT supports multiple transmit chains using options given below: Refer as FCC KDB 662911, In-band power measurements. Using the measure-and-sum approach, measured all transmit ports individually. Sum the power (in linear power units e.g., mW) of all ports for each individual sample and save them.
	▪ If multiple transmit chains, EIRP calculation could be following as methods: $P_{total} = P_1 + P_2 + \ldots + P_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = P_{total} + DG$
☐	For radiated measurement.
	▪ Refer as FCC KDB 789033 D02 clause II A.1.F ”Antenna-port Conducted versus Radiated Testing”
	▪ Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.
	▪ Refer as FCC KDB 412172 D01 clause 2.2 for EIRP calculation.

3.3.4 Test Setup

For Straddle channel:

Conducted Measurement (Spectrum Analyzer)


For other test:

Conducted Measurement (Power Meter)


3.3.5 Test Result of Maximum Output Power

Refer as Appendix C

3.4 Power Spectral Density

3.4.1 Limit

Peak Power Spectral Density Limit	
UNII Devices	
☒	For the 5.15-5.25 GHz band:
	▪ Outdoor AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If G_{TX} > 6 dBi, then P_{Out} = 17 – (G_{TX} – 6).
	▪ Indoor AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If G_{TX} > 6 dBi, then P_{Out} = 17 – (G_{TX} – 6).
	▪ Point-to-point AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If G_{TX} > 23 dBi, then P_{Out} = 17 – (G_{TX} – 23).
	▪ Mobile or Portable Client: the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If G_{TX} > 6 dBi, then PPSD= 11 – (G_{TX} – 6)..
☒	For the 5.25-5.35 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If G_{TX} > 6 dBi, then PPSD= 11 – (G_{TX} – 6).
☒	For the 5.47-5.725 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If G_{TX} > 6 dBi, then PPSD= 11 – (G_{TX} – 6).
☒	For the 5.725-5.85 GHz band:
	▪ Point-to-multipoint systems (P2M): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz. If G_{TX} > 6 dBi, then PPSD= 30 – (G_{TX} – 6).
	▪ Point-to-point systems (P2P): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz.
EIRP Power Spectral Density Limit	
☐	For the 5.85-5.895 GHz band:
	▪ Indoor AP & subordinate device < 20dBm/MHz
	▪ Client device < 14dBm/MHz
LE-LAN Devices	
☐	For the 5.15-5.25 GHz band, the e.i.r.p. peak power spectral density (PPSD) ≤ 10 dBm/MHz.
☐	For the 5.25-5.35 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz.
	▪ e.i.r.p. greater than 200 mW shall comply with the following e.i.r.p. at different elevations, where θ is the angle above the local horizontal plane (of the Earth) as shown below: -13 dBW/MHz for 0° ≤ θ < 8° ; -13 − 0.716 (θ-8) dBW/MHz for 8° ≤ θ < 40° -35.9 − 1.22 (θ-40) dBW/MHz for 40° ≤ θ ≤ 45° ; -42 dBW/MHz for θ > 45°
☐	For the 5.47-5.6 GHz band and 5.65-5.725 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz.
☐	For the 5.725-5.85 GHz band:
	▪ Point-to-multipoint systems (P2M): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz. If G_{TX} > 6 dBi, then PPSD= 30 – (G_{TX} – 6).
	▪ Point-to-point systems (P2P): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz.
PPSD = peak power spectral density that he same method as used to determine the conducted output	

power shall be used to determine the power spectral density. And power spectral density in dBm/MHz G_{TX} = the maximum transmitting antenna directional gain in dBi.

3.4.2 Measuring Instruments

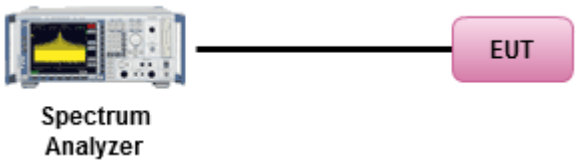
Refer a test equipment and calibration data table in this test report.

3.4.3 Test Procedures

Test Method		
▪ Peak power spectral density procedures that the same method as used to determine the conducted output power shall be used to determine the peak power spectral density and use the peak search function on the spectrum analyzer to find the peak of the spectrum. For the peak power spectral density shall be measured using below options:		
	☐ Refer as FCC KDB 789033 D02, F)5) power spectral density can be measured using resolution bandwidths < 1 MHz provided that the results are integrated over 1 MHz bandwidth	
	[duty cycle ≥ 98% or external video / power trigger]	
	☒ Refer as FCC KDB 789033 D02, clause E Method SA-1 (spectral trace averaging).	
	☐ Refer as FCC KDB 789033 D02, clause E Method SA-1 Alt. (RMS detection with slow sweep speed)	
	duty cycle < 98% and average over on/off periods with duty factor	
	☒ Refer as FCC KDB 789033 D02, clause E Method SA-2 (spectral trace averaging).	
	☐ Refer as FCC KDB 789033 D02, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)	
☒ For conducted measurement.		
	▪ If the EUT supports multiple transmit chains using options given below:	
		☒ Option 1: Measure and sum the spectra across the outputs. Refer as FCC KDB 662911, In-band power spectral density (PSD). Sample all transmit ports simultaneously using a spectrum analyzer for each transmit port. Where the trace bin-by-bin of each transmit port summing can be performed. (i.e., in the first spectral bin of output 1 is summed with that in the first spectral bin of output 2 and that from the first spectral bin of output 3, and so on up to the NTX output to obtain the value for the first frequency bin of the summed spectrum.). Add up the amplitude (power) values for the different transmit chains and use this as the new data trace.
		☐ Option 2: Measure and sum spectral maxima across the outputs. With this technique, spectra are measured at each output of the device at the required resolution bandwidth. The maximum value (peak) of each spectrum is determined. These maximum values are then summed mathematically in linear power units across the outputs. These operations shall be performed separately over frequency spans that have different out-of-band or spurious emission limits,
		☐ Option 3: Measure and add 10 log(N) dB, where N is the number of transmit chains. Refer as FCC KDB 662911, In-band power spectral density (PSD). Performed at each transmit chains and each transmit chains shall be compared with the limit have been reduced with 10 log(N). Or each transmit chains shall be add 10 log(N) to compared with the limit.
	▪	If multiple transmit chains, EIRP PPSD calculation could be following as methods: $PPSD_{total} = PPSD_1 + PPSD_2 + \ldots + PPSD_n$ (calculated in linear unit [mW] and transfer to log unit [dBm])

Test Method		
		$EIRP_{total} = PPSD_{total} + DG$
☐	For radiated measurement.	
	▪	Refer as FCC KDB 789033 D02 clause II A.1.F ”Antenna-port Conducted versus Radiated Testing”
	▪	Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.
	▪	Refer as FCC KDB 412172 D01 clause 2.2 for EIRP calculation.

3.4.4 Test Setup

Conducted Measurement


3.4.5 Test Result of Power Spectral Density

Refer as Appendix D

3.5 Unwanted Emissions

3.5.1 Transmitter Unwanted Emissions Limit

Unwanted emissions below 1 GHz and restricted band emissions above 1GHz limit			
Frequency Range (MHz)	**Field Strength (uV/m)**	**Field Strength (dBuV/m)**	**Measure Distance (m)**
0.009~0.490	2400/F(kHz)	48.5 - 13.8	300
0.490~1.705	24000/F(kHz)	33.8 - 23	30
1.705~30.0	30	29	30
30~88	100	40	3
88~216	150	43.5	3
216~960	200	46	3
Above 960	500	54	3

Note 1: Test distance for frequencies at or above 30 MHz, measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).

Note 2: Test distance for frequencies at below 30 MHz, measurements may be performed at a distance closer than the EUT limit distance; however, an attempt should be made to avoid making measurements in the near field. When performing measurements below 30 MHz at a closer distance than the limit distance, the results shall be extrapolated to the specified distance by either making measurements at a minimum of two or more distances on at least one radial to determine the proper extrapolation factor or by using the square of an inverse linear distance extrapolation factor (40 dB/decade). The test report shall specify the extrapolation method used to determine compliance of the EUT.

Note 3: Using the distance of 1m during the test for above 18 GHz, and the test value to correct for the distance factor at 3m.

Un-restricted band emissions above 1GHz Limit	
Operating Band	**Limit**
☒ 5.15 - 5.25 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
☒ 5.25 - 5.35 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
☒ 5.47 - 5.725 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
☒ 5.725 - 5.85 GHz	all emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.
☐ 5.85 - 5.895 GHz	(i) For an indoor access point or subordinate device, all emissions at or above 5.895 GHz shall not exceed an e.i.r.p. of 15 dBm/MHz and shall decrease linearly to an e.i.r.p. of - 7 dBm/MHz at or above 5.925 GHz. (ii) For a client device, all emissions at or above 5.895 GHz shall not exceed an

	e.i.r.p. of -5 dBm/MHz and shall decrease linearly to an e.i.r.p. of -27 dBm/MHz at or above 5.925 GHz. (iii) For a client device or indoor access point or subordinate device, all emissions below 5.725 GHz shall not exceed an e.i.r.p. of -27 dBm/MHz at 5.65 GHz increasing linearly to 10 dBm/ MHz at 5.7 GHz, and from 5.7 GHz increasing linearly to a level of 15.6 dBm/MHz at 5.72 GHz, and from 5.72 GHz increasing linearly to a level of 27 dBm/MHz at 5.725 GHz.
Note 1: Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).	

3.5.2 Measuring Instruments

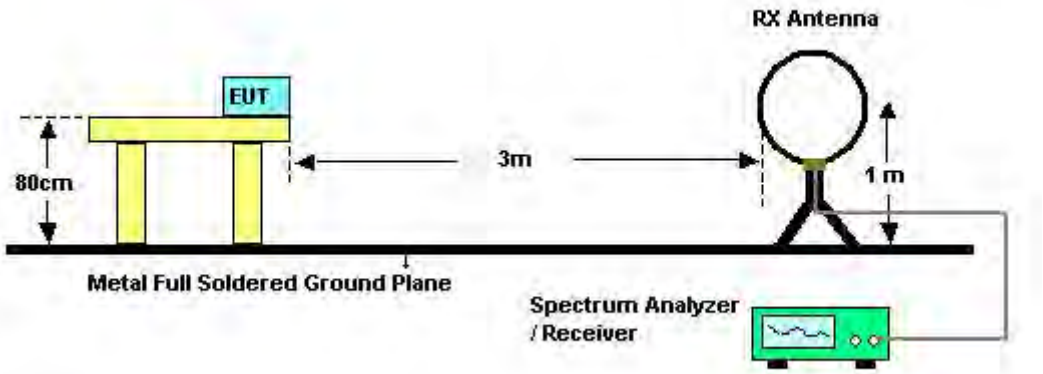
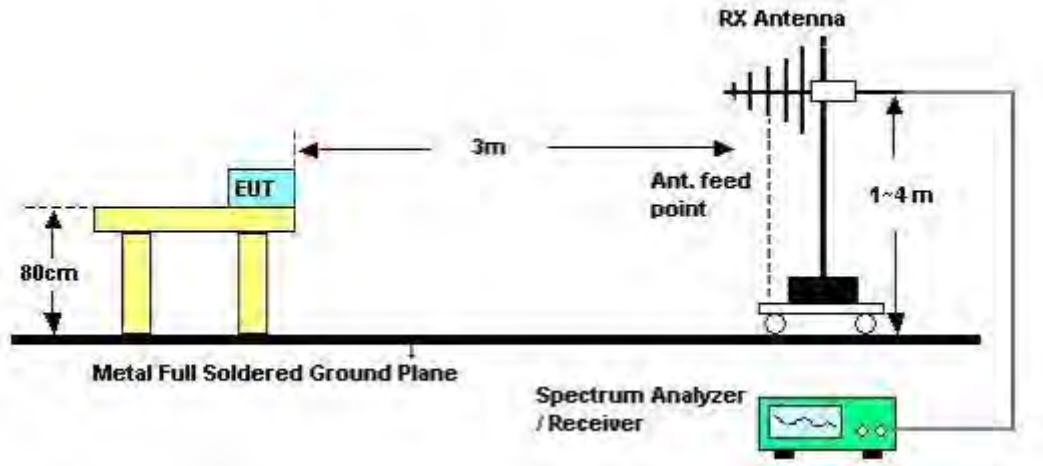
Refer a test equipment and calibration data table in this test report.

3.5.3 Test Procedures

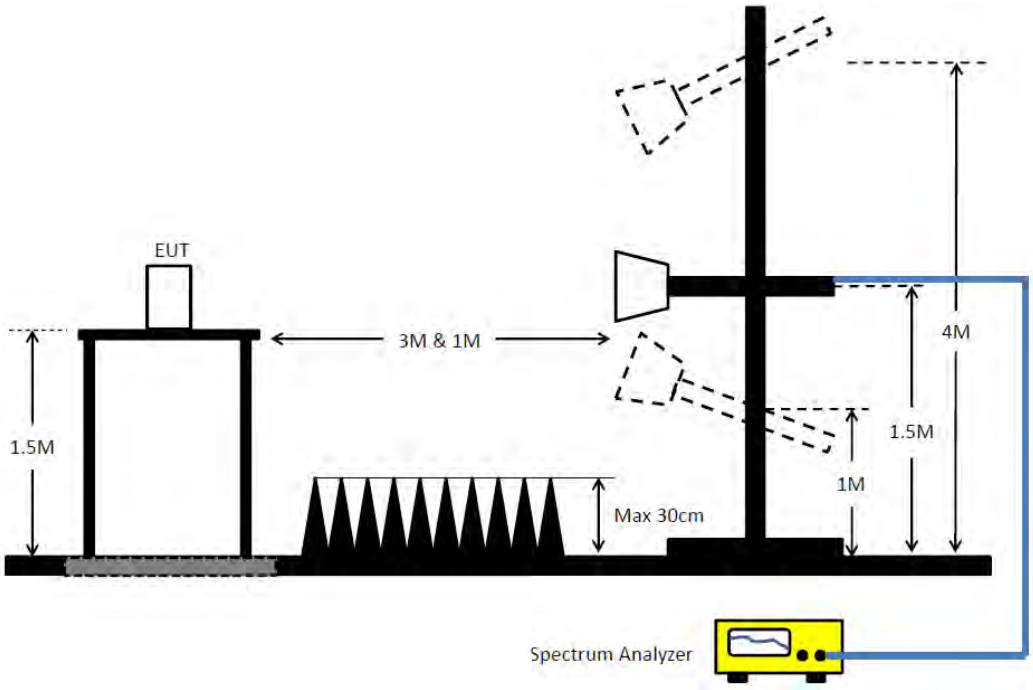
Test Method			
▪ Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. Measurements shall not be performed at a distance greater than 30 m for frequencies above 30 MHz, unless it can be further demonstrated that measurements at a distance of 30 m or less are impractical. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).			
▪ The average emission levels shall be measured in [duty cycle ≥ 98 or duty factor].			
▪ For the transmitter unwanted emissions shall be measured using following options below:			
	▪ Refer as FCC KDB 789033 D02, clause G)2) for unwanted emissions into non-restricted bands.		
	▪ Refer as FCC KDB 789033 D02, clause G)1) for unwanted emissions into restricted bands.		
		☐ Refer as FCC KDB 789033 D02, G)6) Method AD (Trace Averaging).	
		☒ Refer as FCC KDB 789033 D02, G)6) Method VB (Reduced VBW).	
		☐ Refer as ANSI C63.10, clause 11.12.2.5.3 (Reduced VBW). VBW ≥ 1/T, where T is pulse time.	
		☐ Refer as ANSI C63.10, clause 7.5 average value of pulsed emissions.	
		☒ Refer as FCC KDB 789033 D02, clause G)5) measurement procedure peak limit.	
		☐ Refer as ANSI C63.10, clause 4.1.4.2.2 measurement procedure peak limit.	
▪ For radiated measurement.			
	▪ Refer as ANSI C63.10, clause 6.4 for radiated emissions below 30 MHz and test distance is 3m.		
	▪ Refer as ANSI C63.10, clause 6.5 for radiated emissions 30 MHz to 1 GHz and test distance is 3m.		
	▪ Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.		
▪ The any unwanted emissions level shall not exceed the fundamental emission level.			

Test Method
▪ All amplitude of spurious emissions that are attenuated by more than 20 dB below the permissible value has no need to be reported.

3.5.4 Test Setup

Transmitter Radiated Unwanted Emissions
9kHz ~30MHz

30MHz~1GHz


Above 1GHz



3.5.5 Measurement Results Calculation

The measured Level is calculated using:
Corrected Reading: Antenna factor (AF) + Cable loss (CL) + Read level (Raw) - Preamp factor (PA)(if applicable) = Level.

3.5.6 Transmitter Unwanted Emissions (Below 30MHz)

There is a comparison data of both open-field test site and alternative test site - semi-Anechoic chamber according to KDB414788 Radiated Test Site, and the result came out very similar.
All amplitude of spurious emissions that are attenuated by more than 20 dB below the permissible value has no need to be reported.
The radiated emissions were investigated from 9 kHz or the lowest frequency generated within the device, up to the 10th harmonic or 40 GHz, whichever is appropriate.

3.5.7 Test Result of Transmitter Unwanted Emissions

Refer as Appendix E

4 Test Equipment and Calibration Data

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
EMI Receiver	Agilent	N9038A	My52260123	9kHz ~ 8.4GHz	Feb. 22, 2022	Feb. 21, 2023	Conduction (CO01-CB)
LISN	F.C.C.	FCC-LISN-50-16-2	04083	150kHz ~ 100MHz	Feb. 09, 2022	Feb. 08, 2023	Conduction (CO01-CB)
LISN	Schwarzbeck	NSLK 8127	8127647	9kHz ~ 30MHz	Apr. 12, 2022	Apr. 11, 2023	Conduction (CO01-CB)
Pulse Limiter	Rohde&Schwarz	ESH3-Z2	100430	9kHz ~ 30MHz	Feb. 10, 2022	Feb. 09, 2023	Conduction (CO01-CB)
COND Cable	Woken	Cable	Low cable-CO01	9kHz ~ 30MHz	May 18, 2022	May 17, 2023	Conduction (CO01-CB)
Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conduction (CO01-CB)
Loop Antenna	Teseq	HLA 6120	24155	9kHz - 30 MHz	May 14, 2022	May 13, 2023	Radiation (03CH05-CB)
3m Semi Anechoic Chamber NSA	TDK	SAC-3M	03CH05-CB	30 MHz ~ 1 GHz	Aug. 03, 2022	Aug. 02, 2023	Radiation (03CH05-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH05-CB	1GHz ~18GHz 3m	Nov. 07, 2021	Nov. 06, 2022	Radiation (03CH05-CB)
Bilog Antenna with 6dB Attenuator	TESEQ & EMCI	CBL 6112D & N-6-06	35236 & AT-N0610	30MHz ~ 2GHz	Mar. 25, 2022	Mar. 24, 2023	Radiation (03CH05-CB)
Horn Antenna	SCHWARZBECK	BBHA9120D	BBHA 9120 D-1291	1GHz~18GHz	Jun. 23, 2022	Jun. 22, 2023	Radiation (03CH05-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Aug. 22, 2022	Aug. 21, 2023	Radiation (03CH05-CB)
Pre-Amplifier	EMCI	EMC330N	980331	20MHz ~ 3GHz	Apr. 26, 2022	Apr. 25, 2023	Radiation (03CH05-CB)
Pre-Amplifier	EMCI	EMC12630SE	980287	1GHz – 26.5GHz	Jul. 01, 2022	Jun. 30, 2023	Radiation (03CH05-CB)
Pre-Amplifier	MITEQ	TTA1840-35-HG	1864479	18GHz ~ 40GHz	Jul. 20, 2022	Jul. 19, 2023	Radiation (03CH05-CB)
Spectrum Analyzer	R&S	FSP40	100304	9kHz ~ 40GHz	Mar. 14, 2022	Mar. 13, 2023	Radiation (03CH05-CB)
EMI Test Receiver	R&S	ESCS	826547/017	9kHz ~ 2.75GHz	Jun. 17, 2022	Jun. 16, 2023	Radiation (03CH05-CB)
RF Cable-low	Woken	RG402	Low Cable-04+23	30MHz~1GHz	Oct. 13, 2021	Oct. 12, 2022	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-28	1GHz~18GHz	Oct. 03, 2022	Oct. 02, 2023	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-04+28	1GHz~18GHz	Oct. 03, 2022	Oct. 02, 2023	Radiation (03CH05-CB)
High Cable	Woken	WCA0929M	40G#5+7	1GHz ~ 40 GHz	Dec. 14, 2021	Dec. 13, 2022	Radiation (03CH05-CB)

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
High Cable	Woken	WCA0929M	40G#5	1GHz ~ 40 GHz	Dec. 08, 2021	Dec. 07, 2022	Radiation (03CH05-CB)
High Cable	Woken	WCA0929M	40G#7	1GHz ~ 40 GHz	Dec. 14, 2021	Dec. 13, 2022	Radiation (03CH05-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH05-CB)
3m Semi Anechoic Chamber VSWR	RIKEN	SAC-3M	03CH02-CB	1GHz ~18GHz	Mar. 26, 2022	Mar. 25, 2023	Radiation (03CH02-CB)
Horn Antenna	EMCO	3115	9610-4976	1GHz ~ 18GHz	Apr. 19, 2022	Apr. 18, 2023	Radiation (03CH02-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Aug. 22, 2022	Aug. 21, 2023	Radiation (03CH02-CB)
Pre-Amplifier	Agilent	83017A	MY39501305	1GHz ~ 26.5GHz	Jul. 01, 2022	Jun. 30, 2023	Radiation (03CH02-CB)
Pre-Amplifier	MITEQ	TTA1840-35-H G	1864479	18GHz ~ 40GHz	Jul. 20, 2022	Jul. 19, 2023	Radiation (03CH02-CB)
Spectrum Analyzer	R&S	FSP40	100019	9kHz ~ 40GHz	Jun. 10, 2022	Jun. 09, 2023	Radiation (03CH02-CB)
RF Cable-high	Woken	RG402	High Cable-18	1GHz ~ 18GHz	Oct. 04, 2021	Oct. 03, 2022	Radiation (03CH02-CB)
RF Cable-high	Woken	RG402	High Cable-18+19	1GHz ~ 18GHz	Oct. 04, 2021	Oct. 03, 2022	Radiation (03CH02-CB)
High Cable	Woken	WCA0929M	40G#5+7	1GHz ~ 40 GHz	Dec. 14, 2021	Dec. 13, 2022	Radiation (03CH02-CB)
High Cable	Woken	WCA0929M	40G#5	1GHz ~ 40 GHz	Dec. 08, 2021	Dec. 07, 2022	Radiation (03CH02-CB)
High Cable	Woken	WCA0929M	40G#7	1GHz ~ 40 GHz	Dec. 14, 2021	Dec. 13, 2022	Radiation (03CH02-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH02-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH04-CB	1GHz ~18GHz 3m	Feb. 24, 2022	Feb. 23, 2023	Radiation (03CH04-CB)
Horn Antenna	ETS・Lindgren	3115	00143147	750MHz~18GHz	Oct. 25, 2021	Oct. 24, 2022	Radiation (03CH04-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Aug. 22, 2022	Aug. 21, 2023	Radiation (03CH04-CB)
Pre-Amplifier	Agilent	83017A	MY53270063	0.5GHz ~ 26.5GHz	Jul. 01, 2022	Jun. 30, 2023	Radiation (03CH04-CB)
Pre-Amplifier	MITEQ	TTA1840-35-H G	1864479	18GHz ~ 40GHz	Jul. 20, 2022	Jul. 19, 2023	Radiation (03CH04-CB)
Spectrum Analyzer	R&S	FSP40	100142	9kHz~40GHz	Mar. 28, 2022	Mar. 27, 2023	Radiation (03CH04-CB
RF Cable-high	Woken	RG402	High Cable-21	1GHz - 18GHz	Oct. 04, 2021	Oct. 03, 2022	Radiation (03CH04-CB)
RF Cable-high	Woken	RG402	High Cable-21+67	1GHz - 18GHz	Oct. 04, 2021	Oct. 03, 2022	Radiation (03CH04-CB)

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
High Cable	Woken	WCA0929M	40G#5+7	1GHz ~ 40 GHz	Dec. 14, 2021	Dec. 13, 2022	Radiation (03CH04-CB)
High Cable	Woken	WCA0929M	40G#5	1GHz ~ 40 GHz	Dec. 08, 2021	Dec. 07, 2022	Radiation (03CH04-CB
High Cable	Woken	WCA0929M	40G#7	1GHz ~ 40 GHz	Dec. 14, 2021	Dec. 13, 2022	Radiation (03CH04-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH04-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH03-CB	1GHz ~18GHz 3m	May 05, 2022	May 04, 2023	Radiation (03CH03-CB)
Horn Antenna	ETS・Lindgren	3115	6821	750MHz~18GHz	Jan. 21, 2022	Jan. 20, 2023	Radiation (03CH03-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Aug. 22, 2022	Aug. 21, 2023	Radiation (03CH03-CB)
Pre-Amplifier	Agilent	8449B	3008A02097	1GHz ~ 26.5GHz	Jul. 01, 2022	Jun. 30, 2023	Radiation (03CH03-CB)
Pre-Amplifier	MITEQ	TTA1840-35-HG	1864479	18GHz ~ 40GHz	Jul. 20, 2022	Jul. 19, 2023	Radiation (03CH03-CB)
Spectrum Analyzer	R&S	FSP40	100019	9kHz ~ 40GHz	Jun. 10, 2022	Jun. 09, 2023	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-20+29	1GHz ~ 18GHz	Oct. 04, 2021	Oct. 03, 2022	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-29	1GHz ~ 18GHz	Oct. 04, 2021	Oct. 03, 2022	Radiation (03CH03-CB)
High Cable	Woken	WCA0929M	40G#5+7	1GHz ~ 40 GHz	Dec. 14, 2021	Dec. 13, 2022	Radiation (03CH03-CB)
High Cable	Woken	WCA0929M	40G#5	1GHz ~ 40 GHz	Dec. 08, 2021	Dec. 07, 2022	Radiation (03CH03-CB)
High Cable	Woken	WCA0929M	40G#7	1GHz ~ 40 GHz	Dec. 14, 2021	Dec. 13, 2022	Radiation (03CH03-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH03-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH06-CB	1GHz ~18GHz 3m	Oct. 01, 2021	Sep. 30, 2022	Radiation (03CH06-CB)
Horn Antenna	SCHWARZBECK	BBHA9120D	BBHA 9120D-1292	1GHz~18GHz	Aug. 09, 2022	Aug. 08, 2023	Radiation (03CH06-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Aug. 22, 2022	Aug. 21, 2023	Radiation (03CH06-CB)
Pre-Amplifier	Agilent	83017A	MY53270064	0.5GHz ~ 26.5GHz	Aug 02, 2022	Aug 01, 2023	Radiation (03CH06-CB)
Pre-Amplifier	MITEQ	TTA1840-35-HG	1864479	18GHz ~ 40GHz	Jul. 20, 2022	Jul. 19, 2023	Radiation (03CH06-CB)
Spectrum analyzer	R&S	FSP40	100080	9kHz~40GHz	Dec. 24, 2021	Dec. 23, 2022	Radiation (03CH06-CB)
RF Cable-high	Woken	RG402	High Cable-67	1GHz~18GHz	Feb. 24, 2022	Feb. 23, 2023	Radiation (03CH06-CB)

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
RF Cable-high	Woken	RG402	High Cable-05+67	1GHz~18GHz	Feb. 24, 2022	Feb. 23, 2023	Radiation (03CH06-CB)
High Cable	Woken	WCA0929M	40G#5+7	1GHz ~ 40 GHz	Dec. 14, 2021	Dec. 13, 2022	Radiation (03CH06-CB)
High Cable	Woken	WCA0929M	40G#5	1GHz ~ 40 GHz	Dec. 08, 2021	Dec. 07, 2022	Radiation (03CH06-CB)
High Cable	Woken	WCA0929M	40G#7	1GHz ~ 40 GHz	Dec. 14, 2021	Dec. 13, 2022	Radiation (03CH06-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH06-CB)
Spectrum analyzer	R&S	FSV40	101028	9kHz~40GHz	Jan. 07, 2022	Jan. 06, 2023	Conducted (TH03-CB)
Power Sensor	Anritsu	MA2411B	1531344	300MHz~40GHz	Jul. 31, 2022	Jul. 30, 2023	Conducted (TH03-CB)
Power Meter	Anritsu	ML2495A	1728002	300MHz~40GHz	Jul. 31, 2022	Jul. 30, 2023	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-11	1 GHz –18 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-12	1 GHz –18 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-13	1 GHz –18 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-14	1 GHz –18 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-15	1 GHz –18 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH03-CB)
Switch	SPTCB	SP-SWI	SWI-03	1 GHz –26.5 GHz	Dec. 13, 2021	Dec. 12, 2022	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	SWI-03-P1	1 GHz –26.5 GHz	Dec. 13, 2021	Dec. 12, 2022	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	SWI-03-P2	1 GHz –26.5 GHz	Dec. 13, 2021	Dec. 12, 2022	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	SWI-03-P3	1 GHz –26.5 GHz	Dec. 13, 2021	Dec. 12, 2022	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	SWI-03-P4	1 GHz –26.5 GHz	Dec. 13, 2021	Dec. 12, 2022	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	SWI-03-P5	1 GHz –26.5 GHz	Dec. 13, 2021	Dec. 12, 2022	Conducted (TH03-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conducted (TH03-CB)

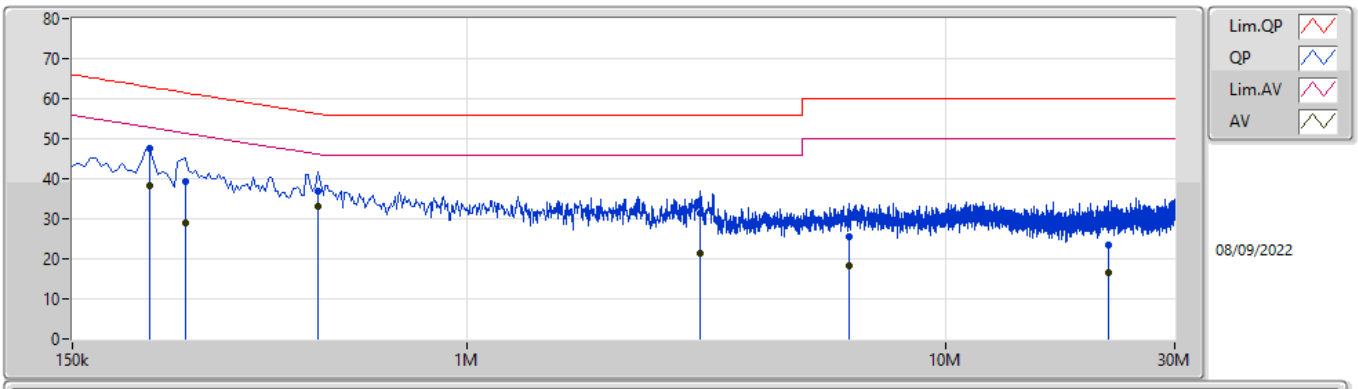
Note: Calibration Interval of instruments listed above is one year.

NCR means Non-Calibration required.

Summary

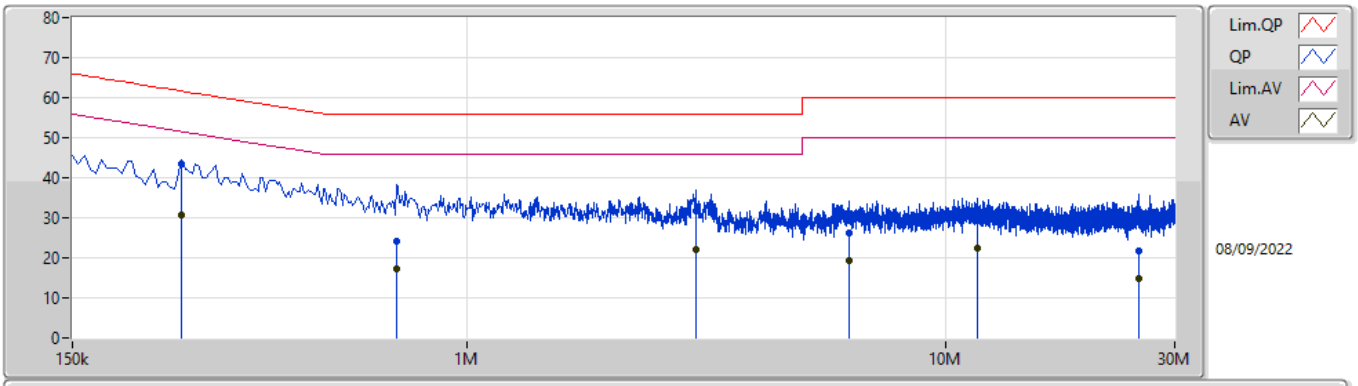
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 2	Pass	AV	487.5k	33.01	46.21	-13.20	Line

Mode 2



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT			
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)			
QP	217.5k	47.71	62.92	-15.21	9.99	Line	-	37.72	0.06	0.04	9.89			
AV	217.5k	38.22	52.92	-14.70	9.99	Line	-	28.23	0.06	0.04	9.89			
QP	258k	39.15	61.49	-22.34	10.00	Line	-	29.15	0.06	0.05	9.89			
AV	258k	28.91	51.49	-22.58	10.00	Line	-	18.91	0.06	0.05	9.89			
QP	487.5k	36.80	56.21	-19.41	10.01	Line	-	26.79	0.06	0.06	9.89			
AV	487.5k	33.01	46.21	-13.20	10.01	Line	"Worst"	23.00	0.06	0.06	9.89			
QP	3.062M	31.31	56.00	-24.69	10.10	Line	-	21.21	0.11	0.10	9.89			
AV	3.062M	21.28	46.00	-24.72	10.10	Line	-	11.18	0.11	0.10	9.89			
QP	6.261M	25.50	60.00	-34.50	10.20	Line	-	15.30	0.17	0.13	9.90			
AV	6.261M	18.43	50.00	-31.57	10.20	Line	-	8.23	0.17	0.13	9.90			
QP	21.818M	23.32	60.00	-36.68	10.52	Line	-	12.80	0.32	0.24	9.96			
AV	21.818M	16.38	50.00	-33.62	10.52	Line	-	5.86	0.32	0.24	9.96			

Mode 2



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	253.5k	43.38	61.64	-18.26	10.01	Neutral	"Worst"	33.37	0.07	0.05	9.89
AV	253.5k	30.73	51.64	-20.91	10.01	Neutral	-	20.72	0.07	0.05	9.89
QP	712.5k	24.15	56.00	-31.85	10.02	Neutral	-	14.13	0.08	0.05	9.89
AV	712.5k	17.36	46.00	-28.64	10.02	Neutral	-	7.34	0.08	0.05	9.89
QP	3.008M	31.60	56.00	-24.40	10.11	Neutral	-	21.49	0.12	0.10	9.89
AV	3.008M	22.15	46.00	-23.85	10.11	Neutral	-	12.04	0.12	0.10	9.89
QP	6.257M	26.08	60.00	-33.92	10.21	Neutral	-	15.87	0.18	0.13	9.90
AV	6.257M	19.28	50.00	-30.72	10.21	Neutral	-	9.07	0.18	0.13	9.90
QP	11.607M	29.35	60.00	-30.65	10.33	Neutral	-	19.02	0.25	0.16	9.92
AV	11.607M	22.58	50.00	-27.42	10.33	Neutral	-	12.25	0.25	0.16	9.92
QP	25.206M	21.62	60.00	-38.38	10.56	Neutral	-	11.06	0.31	0.28	9.97
AV	25.206M	14.94	50.00	-35.06	10.56	Neutral	-	4.38	0.31	0.28	9.97

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	26.34M	17.811M	17M8D1D	24.06M	16.912M
802.11ax HEW20_Nss1,(MCS0)_2TX	28.92M	19.01M	19M0D1D	22.44M	18.981M
802.11ax HEW40_Nss1,(MCS0)_2TX	39.78M	37.961M	38M0D1D	39.6M	37.781M
802.11ax HEW80_Nss1,(MCS0)_2TX	80.52M	77.241M	77M2D1D	80.4M	77.121M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	26.28M	17.811M	17M8D1D	24.12M	16.942M
802.11ax HEW20_Nss1,(MCS0)_2TX	26.13M	19.01M	19M0D1D	21.99M	18.951M
802.11ax HEW40_Nss1,(MCS0)_2TX	39.72M	37.841M	37M8D1D	39.48M	37.781M
802.11ax HEW80_Nss1,(MCS0)_2TX	80.28M	77.121M	77M1D1D	80.16M	77.001M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	33.63M	18.651M	18M7D1D	19.605M	14.318M
802.11ax HEW20_Nss1,(MCS0)_2TX	37.98M	19.34M	19M3D1D	16.65M	14.513M
802.11ax HEW40_Nss1,(MCS0)_2TX	53.375M	37.841M	37M8D1D	39.6M	34.493M
802.11ax HEW80_Nss1,(MCS0)_2TX	100.95M	77.481M	77M5D1D	80.4M	73.688M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	16.32M	17.811M	17M8D1D	3.12M	10.035M
802.11ax HEW20_Nss1,(MCS0)_2TX	18.48M	19.1M	19M1D1D	4.42M	4.758M
802.11ax HEW40_Nss1,(MCS0)_2TX	37.14M	46.537M	46M5D1D	3.9M	25.067M
802.11ax HEW80_Nss1,(MCS0)_2TX	73.8M	77.601M	77M6D1D	3.86M	27.106M

Max-N dB = Maximum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
Max-OBW = Maximum 99% occupied bandwidth;
Min-N dB = Minimum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
Min-OBW = Minimum 99% occupied bandwidth

Result

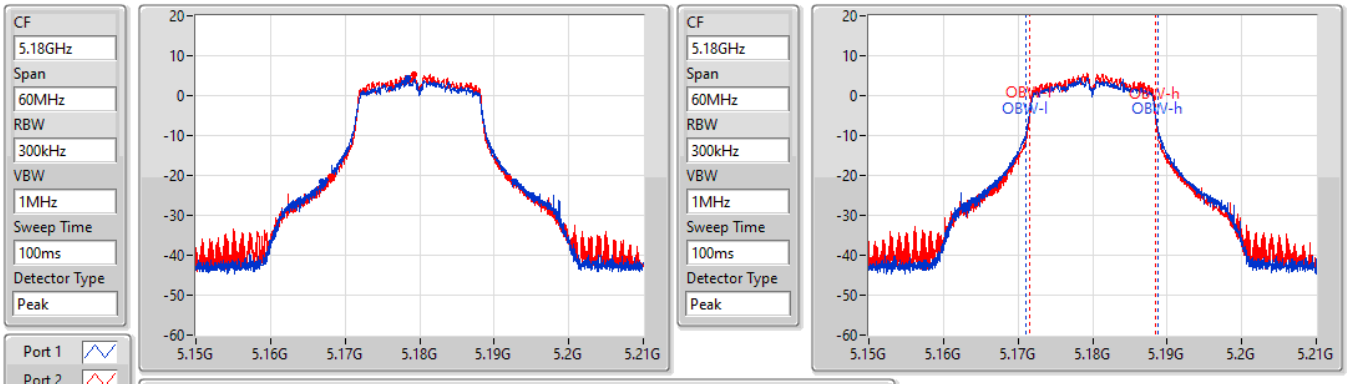
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	25.95M	17.781M	24.06M	16.912M
5200MHz	Pass	Inf	26.31M	17.811M	24.66M	16.972M
5240MHz	Pass	Inf	26.34M	17.811M	24.27M	16.942M
5260MHz	Pass	Inf	25.65M	17.811M	24.42M	16.972M
5300MHz	Pass	Inf	26.22M	17.811M	24.12M	16.942M
5320MHz	Pass	Inf	26.28M	17.811M	24.15M	16.942M
5500MHz	Pass	Inf	26.28M	17.781M	24.15M	16.942M
5580MHz	Pass	Inf	32.43M	18.651M	33.63M	18.381M
5700MHz	Pass	Inf	26.13M	17.781M	24.18M	16.882M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	21.72M	14.633M	19.605M	14.318M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.12M	10.535M	3.16M	10.035M
5745MHz	Pass	500k	15.87M	17.811M	15.9M	16.912M
5785MHz	Pass	500k	15.42M	17.781M	16.32M	16.942M
5825MHz	Pass	500k	16.02M	17.781M	15.87M	16.942M
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	24.39M	18.981M	23.52M	18.981M
5200MHz	Pass	Inf	28.92M	19.01M	24.06M	18.981M
5240MHz	Pass	Inf	22.44M	19.01M	22.59M	18.981M
5260MHz	Pass	Inf	26.13M	19.01M	22.38M	19.01M
5300MHz	Pass	Inf	23.04M	19.01M	22.74M	18.951M
5320MHz	Pass	Inf	23.91M	19.01M	21.99M	18.981M
5500MHz	Pass	Inf	22.8M	19.01M	28.17M	18.981M
5580MHz	Pass	Inf	37.98M	19.31M	34.86M	19.34M
5700MHz	Pass	Inf	25.77M	19.01M	21.96M	18.981M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	16.95M	14.513M	16.65M	14.513M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.42M	4.758M	4.46M	4.758M
5745MHz	Pass	500k	18.24M	19.04M	17.49M	19.04M
5785MHz	Pass	500k	17.22M	19.04M	18.03M	19.04M
5825MHz	Pass	500k	18.48M	19.1M	18.03M	19.07M
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	39.66M	37.781M	39.66M	37.841M
5230MHz	Pass	Inf	39.78M	37.961M	39.6M	37.901M
5270MHz	Pass	Inf	39.72M	37.781M	39.48M	37.841M
5310MHz	Pass	Inf	39.72M	37.841M	39.66M	37.781M
5510MHz	Pass	Inf	39.72M	37.841M	39.72M	37.721M
5550MHz	Pass	Inf	39.72M	37.841M	39.6M	37.661M
5670MHz	Pass	Inf	39.6M	37.781M	39.66M	37.841M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	50.68M	34.493M	53.375M	34.563M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.94M	25.067M	3.9M	27.446M
5755MHz	Pass	500k	37.14M	44.018M	34.98M	46.537M
5795MHz	Pass	500k	36.66M	39.28M	35.04M	40.48M
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	80.52M	77.121M	80.4M	77.241M
5290MHz	Pass	Inf	80.28M	77.121M	80.16M	77.001M
5530MHz	Pass	Inf	80.4M	77.241M	80.52M	77.121M
5610MHz	Pass	Inf	80.4M	77.241M	80.4M	77.481M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	99.525M	73.688M	100.95M	73.838M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.88M	27.906M	3.86M	27.106M
5775MHz	Pass	500k	73.8M	77.601M	72.12M	77.601M

Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

802.11a_Nss1,(6Mbps)_2TX EBW

5180MHz

13/09/2022

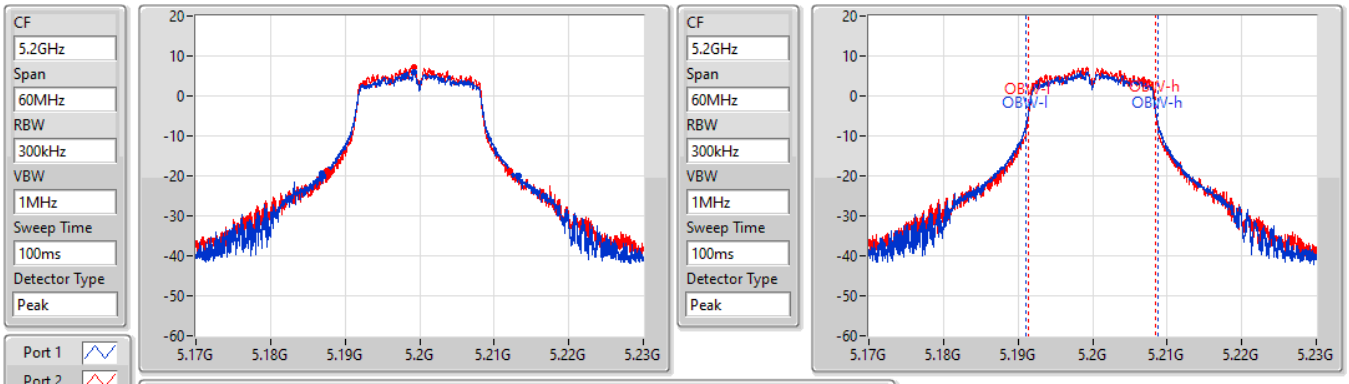


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
25.95M	5.16686G	5.19281G	17.781M	5.171064G	5.188846G	Inf	1
24.06M	5.16797G	5.19203G	16.912M	5.171514G	5.188426G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

5200MHz

13/09/2022

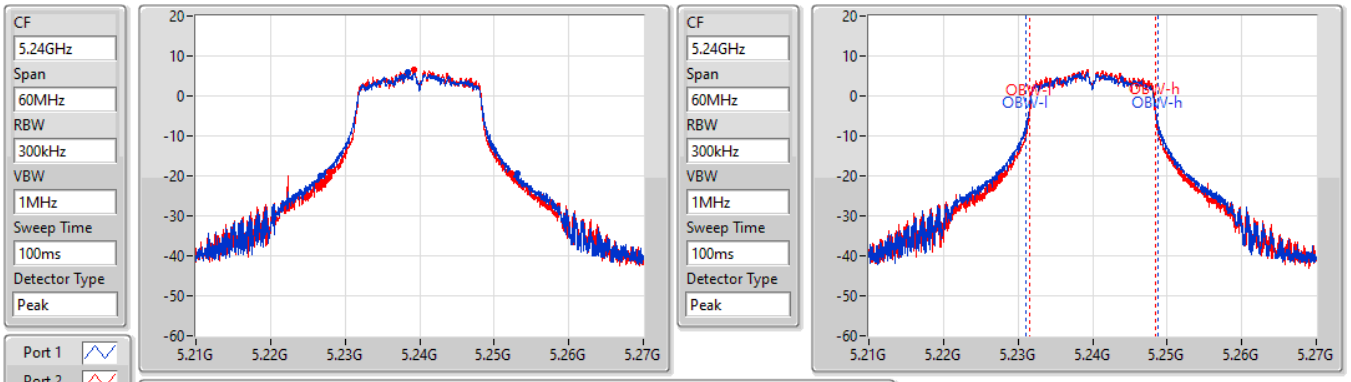


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
26.31M	5.18692G	5.21323G	17.811M	5.191034G	5.208846G	Inf	1
24.66M	5.18752G	5.21218G	16.972M	5.191454G	5.208426G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

5240MHz

13/09/2022

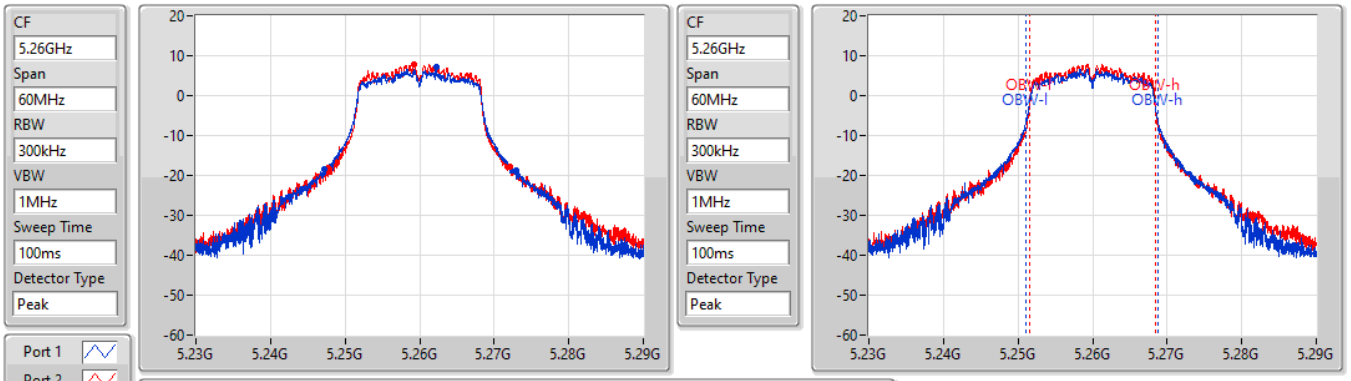


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
26.34M	5.22674G	5.25308G	17.811M	5.231034G	5.248846G	Inf	1
24.27M	5.22794G	5.25221G	16.942M	5.231484G	5.248426G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

5260MHz

13/09/2022

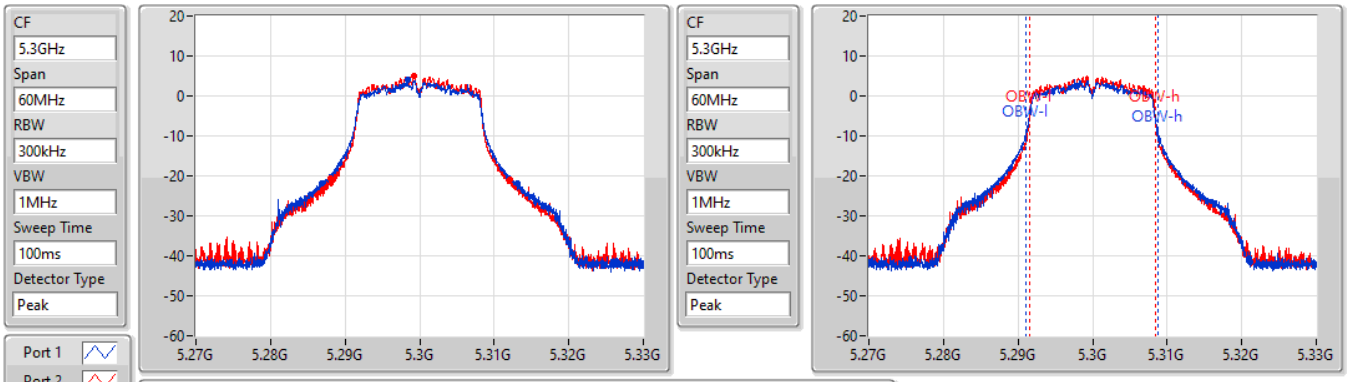


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
25.65M	5.24722G	5.27287G	17.811M	5.251034G	5.268846G	Inf	1
24.42M	5.24767G	5.27209G	16.972M	5.251484G	5.268456G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

5300MHz

13/09/2022

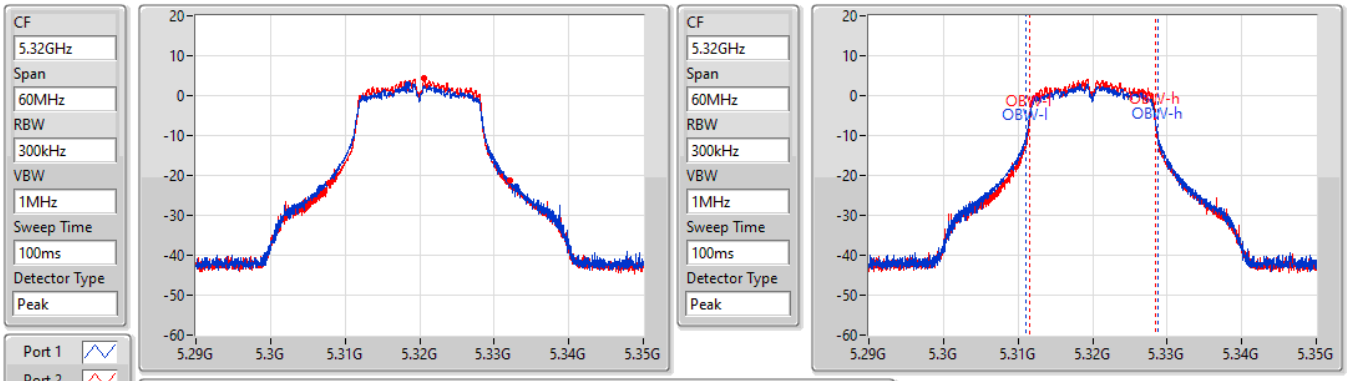


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
26.22M	5.28686G	5.31308G	17.811M	5.291004G	5.308816G	Inf	1
24.12M	5.288G	5.31212G	16.942M	5.291484G	5.308426G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

5320MHz

13/09/2022

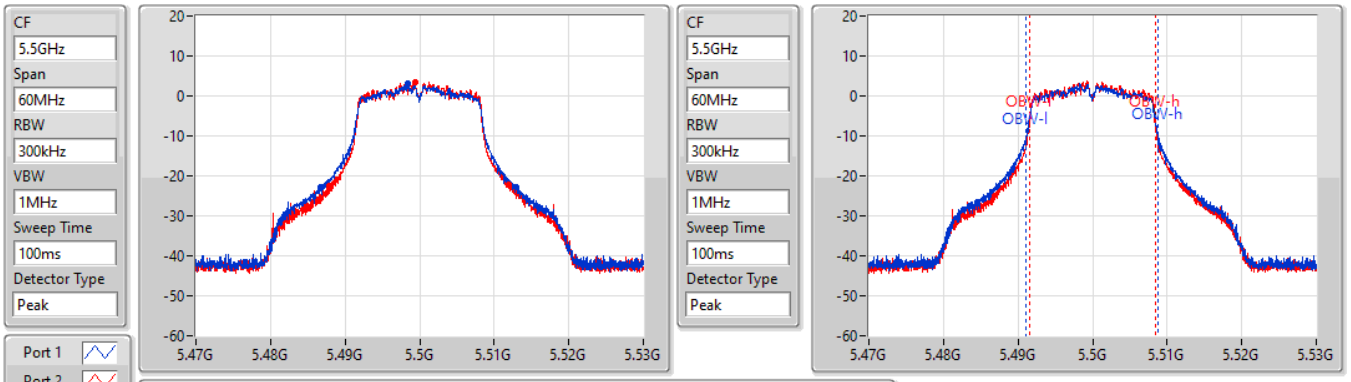


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
26.28M	5.30674G	5.33302G	17.811M	5.311004G	5.328816G	Inf	1
24.15M	5.30791G	5.33206G	16.942M	5.311484G	5.328426G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

5500MHz

13/09/2022

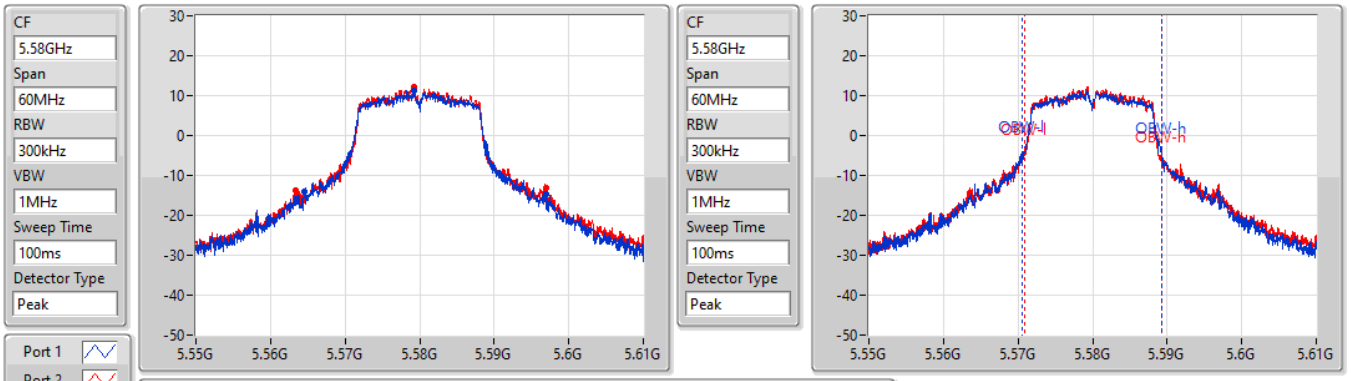


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
26.28M	5.48674G	5.51302G	17.781M	5.491034G	5.508816G	Inf	1
24.15M	5.48788G	5.51203G	16.942M	5.491484G	5.508426G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

5580MHz

13/09/2022

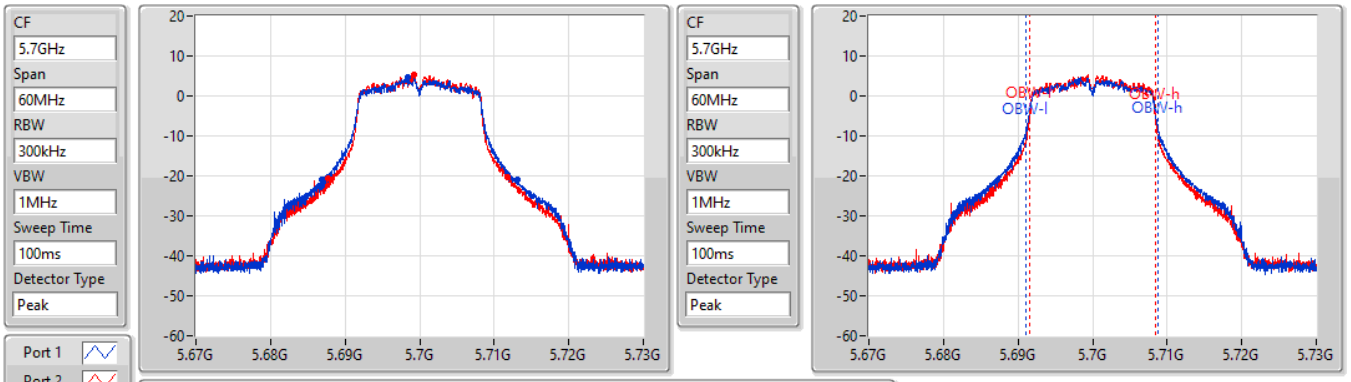


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
32.43M	5.56455G	5.59698G	18.651M	5.570615G	5.589265G	Inf	1
33.63M	5.56338G	5.59701G	18.381M	5.570855G	5.589235G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

5700MHz

13/09/2022

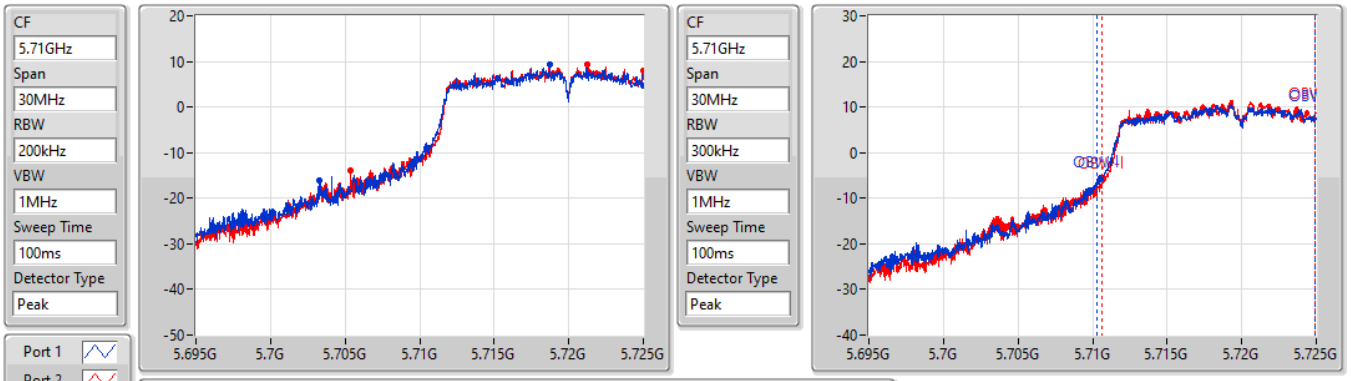


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
26.13M	5.68692G	5.71305G	17.781M	5.691064G	5.708846G	Inf	1
24.18M	5.68764G	5.71182G	16.882M	5.691544G	5.708426G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

5720MHz Straddle 5.47-5.725GHz

29/09/2022

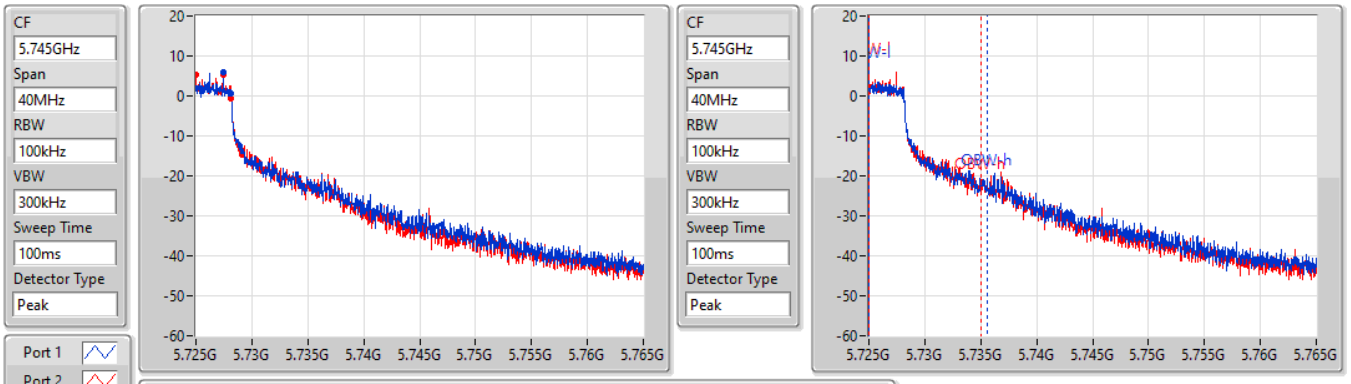


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.72M	5.70328G	5.725G	14.633M	5.710285G	5.724918G	Inf	1
19.605M	5.705395G	5.725G	14.318M	5.710615G	5.724933G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

5720MHz Straddle 5.725-5.85GHz

29/09/2022

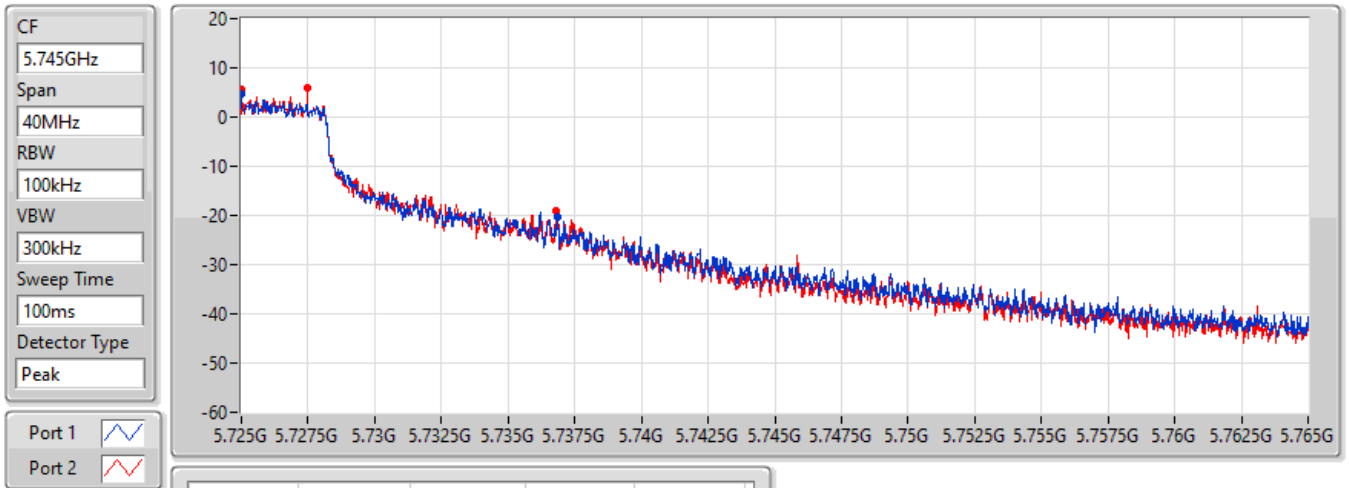


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.12M	5.725G	5.72812G	10.535M	5.72501G	5.735545G	500k	1
3.16M	5.725G	5.72816G	10.035M	5.72501G	5.735045G	500k	2

802.11a_Nss1,(6Mbps)_2TX EBW

5720MHz Straddle 5.725-5.85GHz

29/09/2022

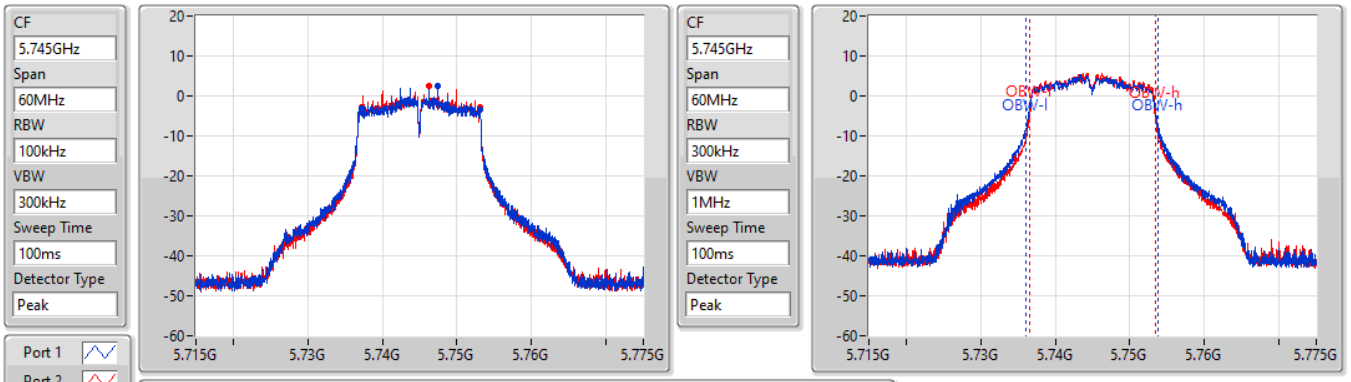


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
11.84M	5.725G	5.73684G	Inf	1
11.82M	5.725G	5.73682G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

5745MHz

13/09/2022

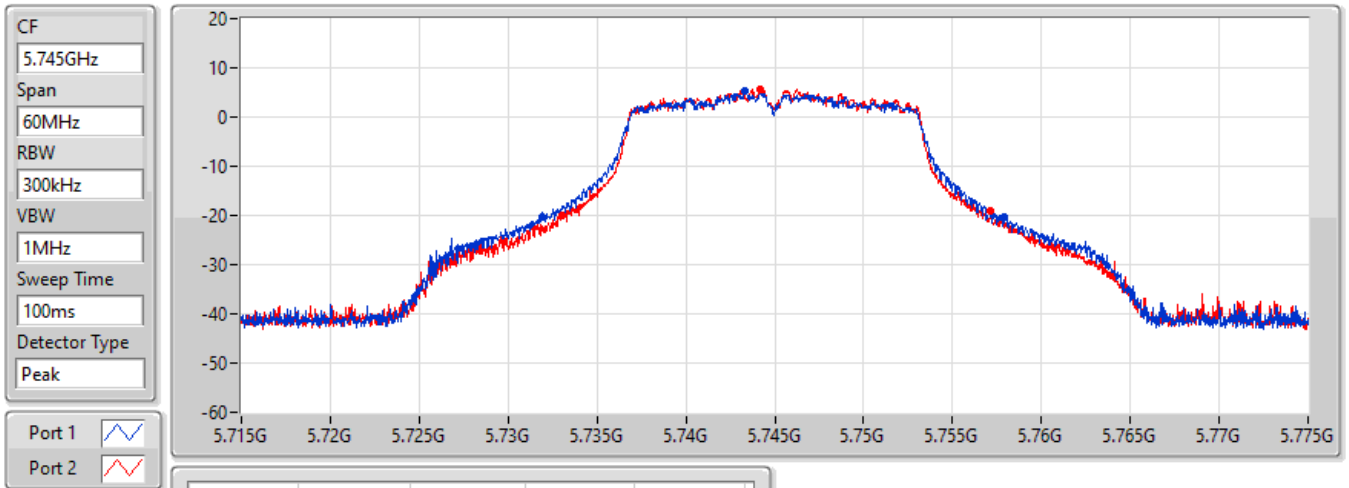


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.87M	5.73723G	5.7531G	17.811M	5.736004G	5.753816G	500k	1
15.9M	5.73723G	5.75313G	16.912M	5.736514G	5.753426G	500k	2

802.11a_Nss1,(6Mbps)_2TX EBW

5745MHz

13/09/2022

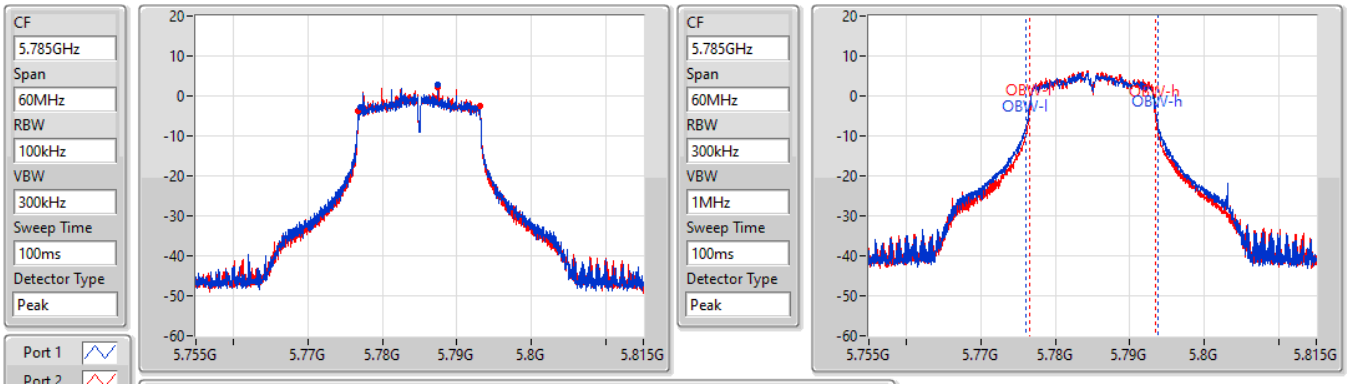


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
26.04M	5.73189G	5.75793G	Inf	1
24.15M	5.733G	5.75715G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

5785MHz

13/09/2022

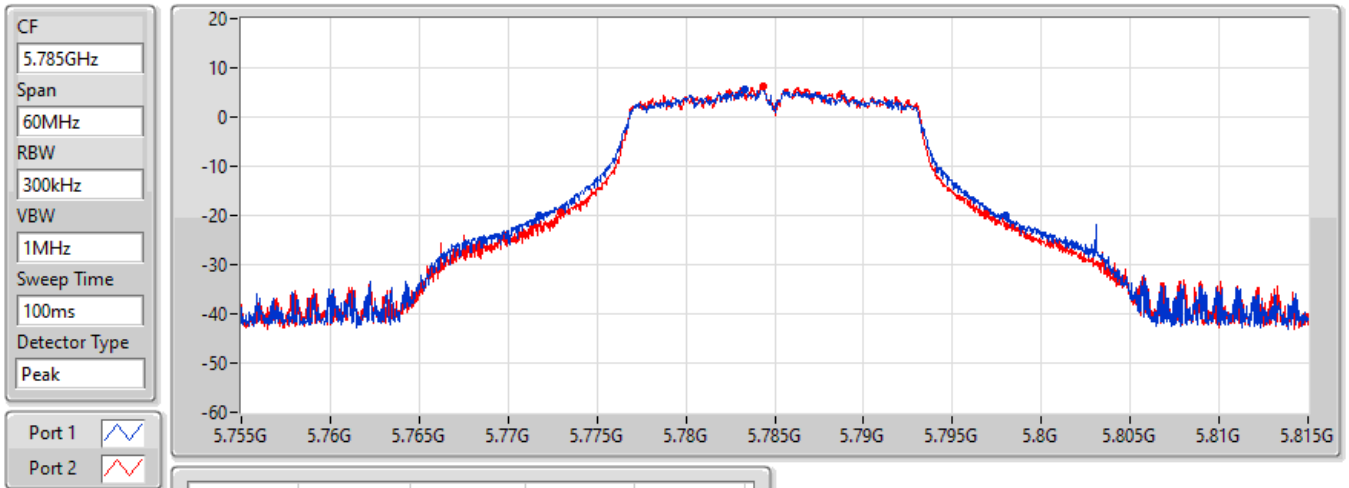


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.42M	5.77708G	5.7925G	17.781M	5.776034G	5.793816G	500k	1
16.32M	5.77681G	5.79313G	16.942M	5.776484G	5.793426G	500k	2

802.11a_Nss1,(6Mbps)_2TX EBW

5785MHz

13/09/2022

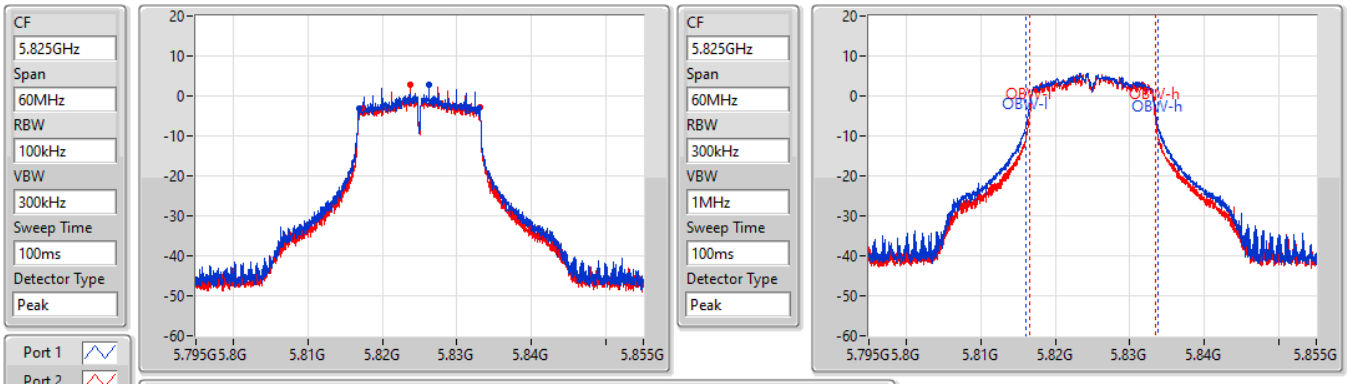


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
26.25M	5.77177G	5.79802G	Inf	1
23.97M	5.77294G	5.79691G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

5825MHz

13/09/2022

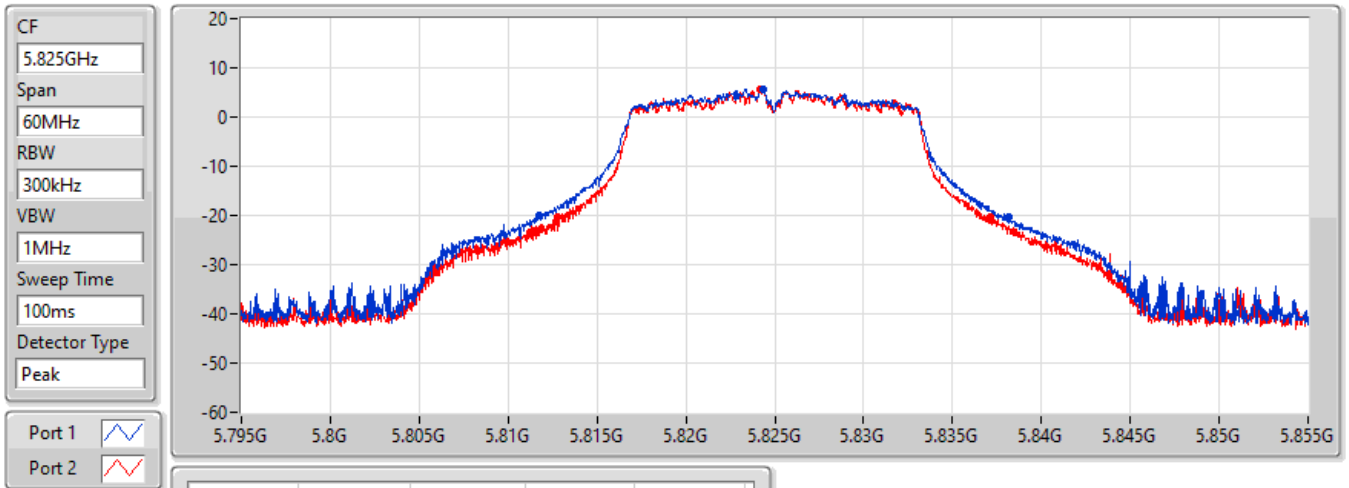


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.02M	5.81684G	5.83286G	17.781M	5.816004G	5.833786G	500k	1
15.87M	5.81723G	5.8331G	16.942M	5.816484G	5.833426G	500k	2

802.11a_Nss1,(6Mbps)_2TX EBW

5825MHz

13/09/2022

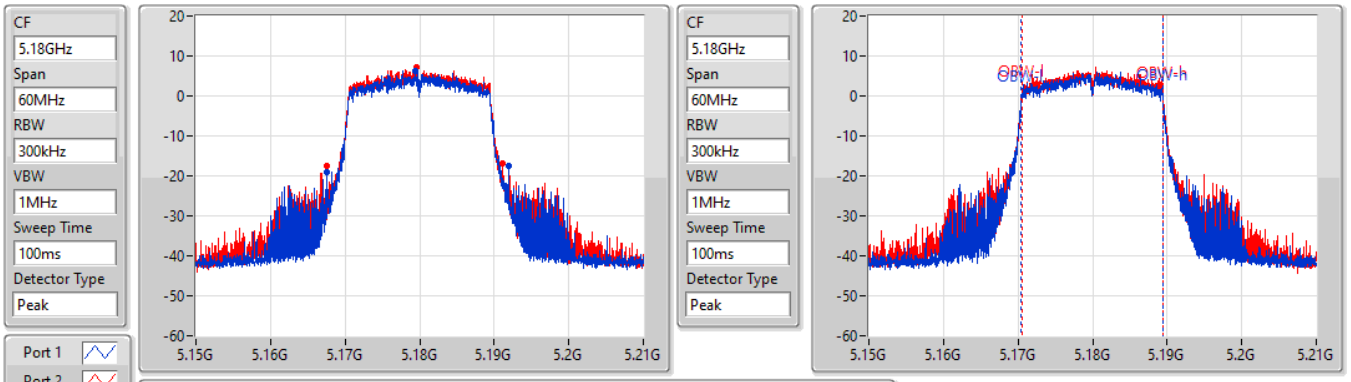


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
26.4M	5.81177G	5.83817G	Inf	1
24.27M	5.81282G	5.83709G	Inf	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

5180MHz

13/09/2022

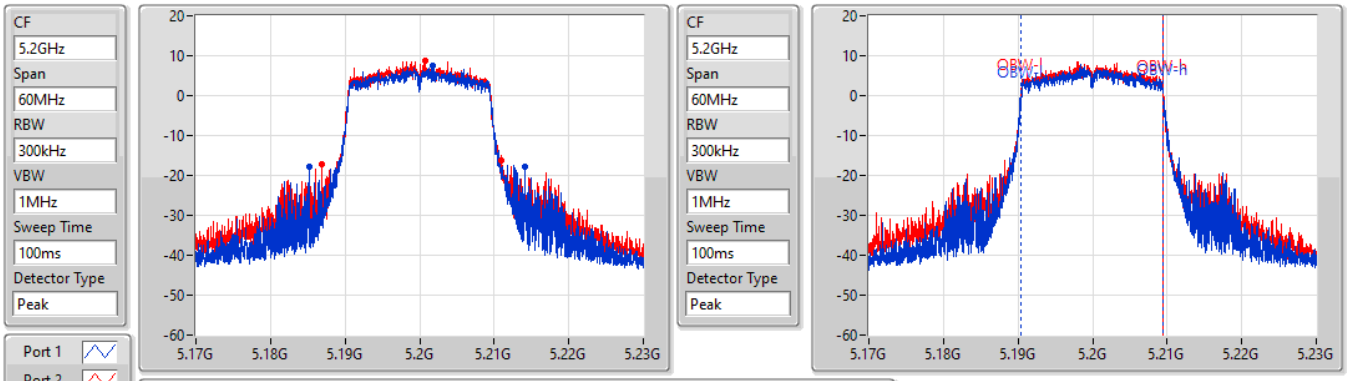


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
24.39M	5.16758G	5.19197G	18.981M	5.170465G	5.189445G	Inf	1
23.52M	5.16755G	5.19107G	18.981M	5.170495G	5.189475G	Inf	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

5200MHz

13/09/2022

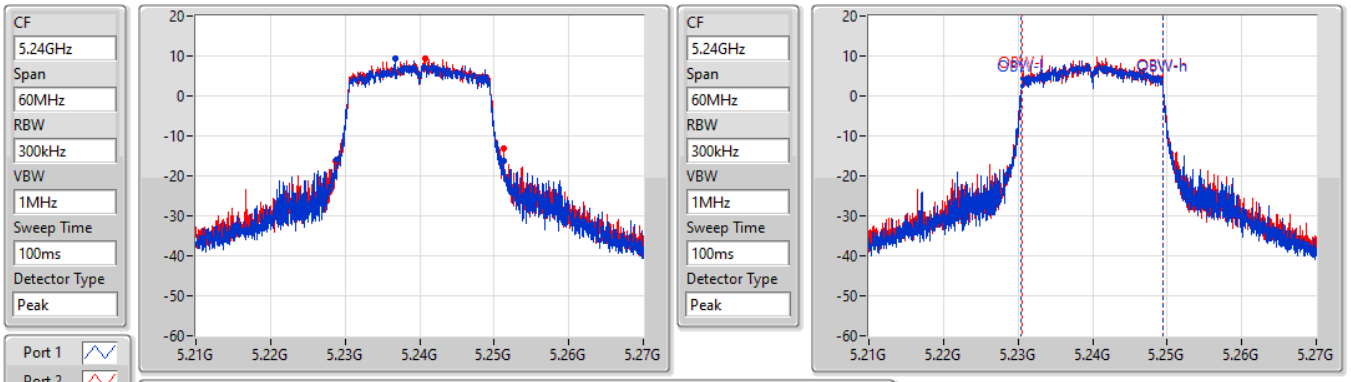


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
28.92M	5.18518G	5.2141G	19.01M	5.190465G	5.209475G	Inf	1
24.06M	5.18695G	5.21101G	18.981M	5.190465G	5.209445G	Inf	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

5240MHz

13/09/2022

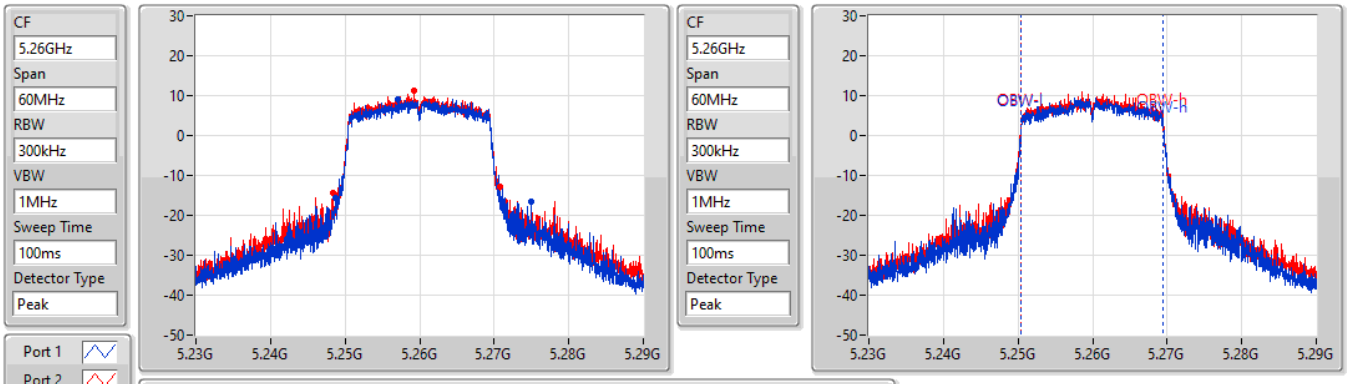


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.44M	5.2289G	5.25134G	19.01M	5.230465G	5.249475G	Inf	1
22.59M	5.22872G	5.25131G	18.981M	5.230495G	5.249475G	Inf	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

5260MHz

13/09/2022

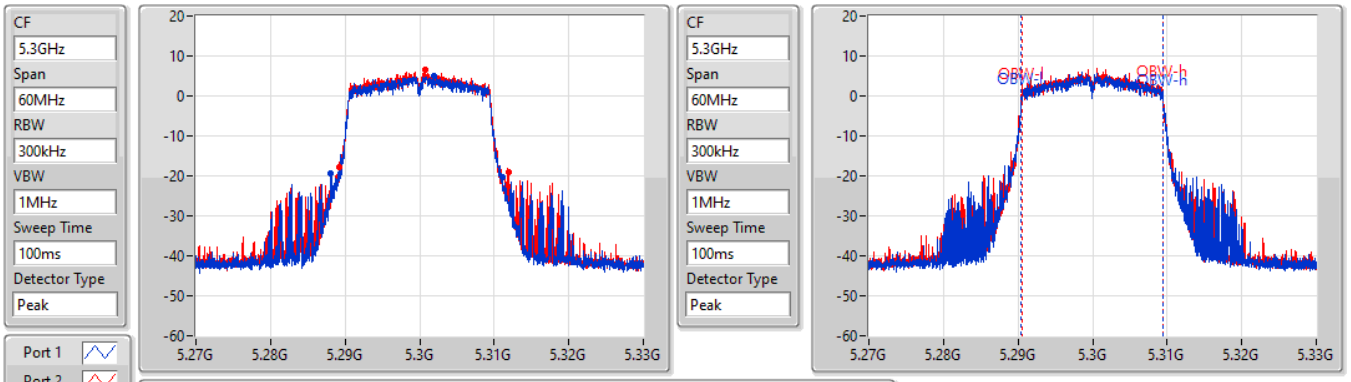


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
26.13M	5.24878G	5.27491G	19.01M	5.250465G	5.269475G	Inf	1
22.38M	5.24842G	5.2708G	19.01M	5.250465G	5.269475G	Inf	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

5300MHz

13/09/2022

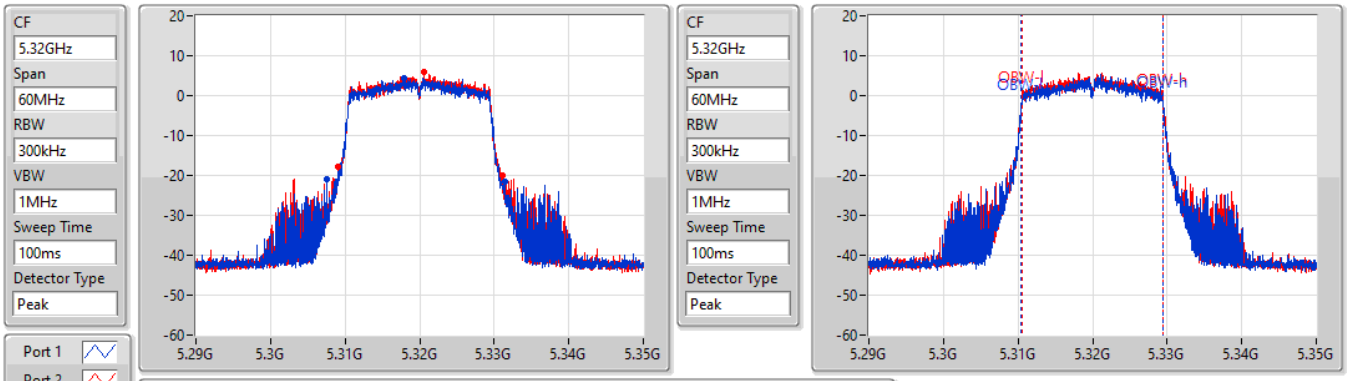


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
23.04M	5.28812G	5.31116G	19.01M	5.290465G	5.309475G	Inf	1
22.74M	5.28926G	5.312G	18.951M	5.290495G	5.309445G	Inf	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

5320MHz

13/09/2022

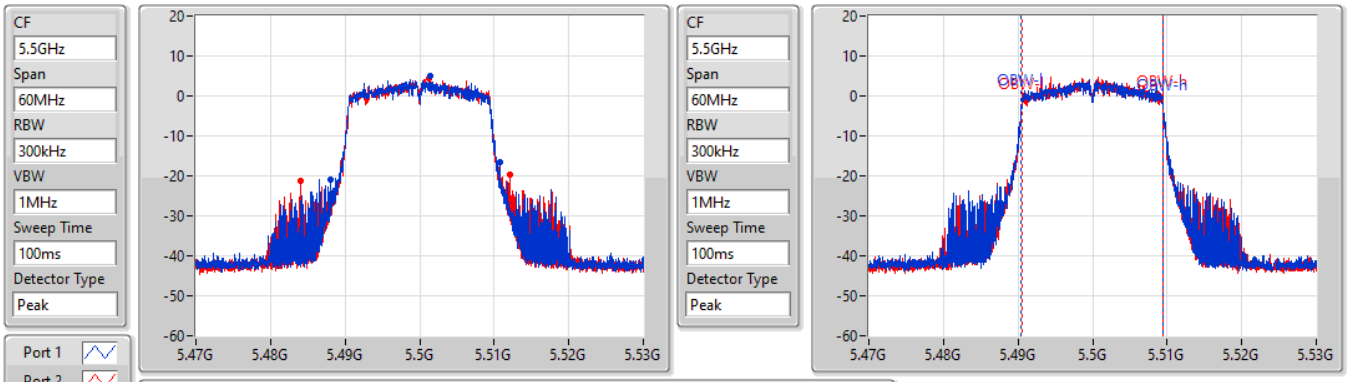


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
23.91M	5.30758G	5.33149G	19.01M	5.310465G	5.329475G	Inf	1
21.99M	5.30908G	5.33107G	18.981M	5.310495G	5.329475G	Inf	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

5500MHz

13/09/2022

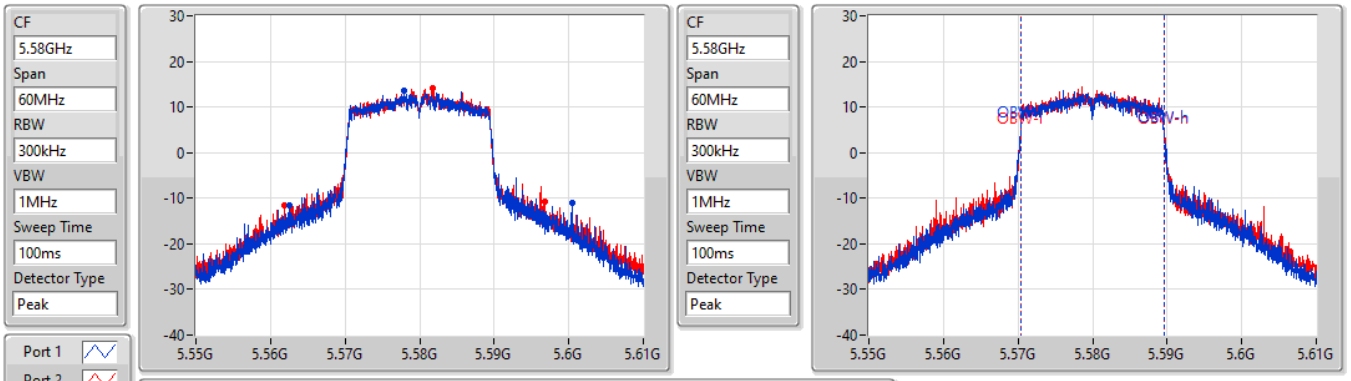


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.8M	5.488G	5.5108G	19.01M	5.490465G	5.509475G	Inf	1
28.17M	5.48401G	5.51218G	18.981M	5.490495G	5.509475G	Inf	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

5580MHz

13/09/2022

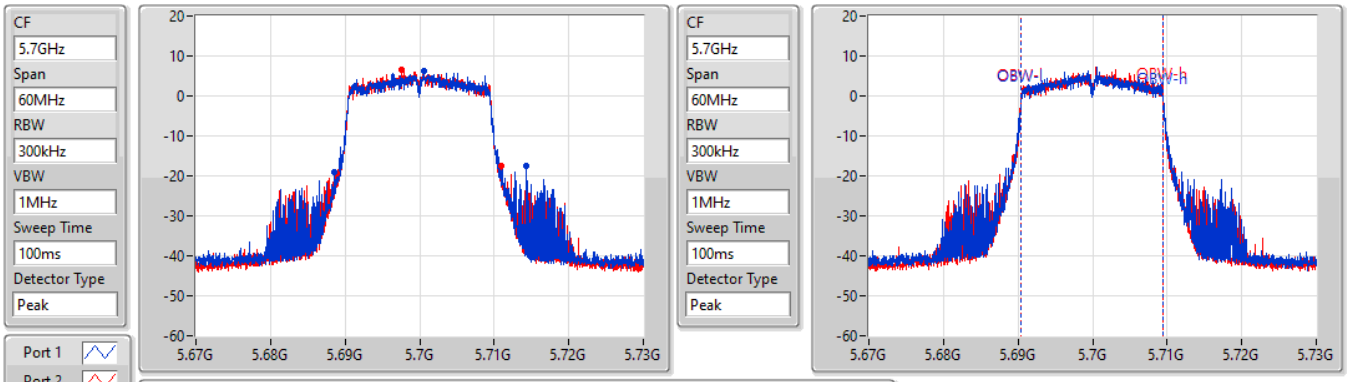


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.98M	5.56248G	5.60046G	19.31M	5.570315G	5.589625G	Inf	1
34.86M	5.56191G	5.59677G	19.34M	5.570315G	5.589655G	Inf	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

5700MHz

13/09/2022

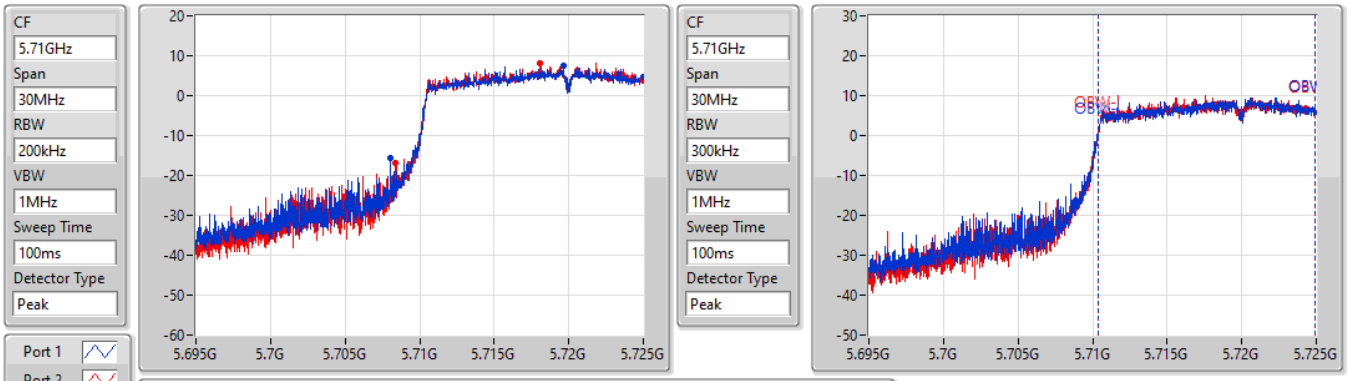


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
25.77M	5.6886G	5.71437G	19.01M	5.690465G	5.709475G	Inf	1
21.96M	5.68893G	5.71089G	18.981M	5.690465G	5.709445G	Inf	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

5720MHz Straddle 5.47-5.725GHz

29/09/2022

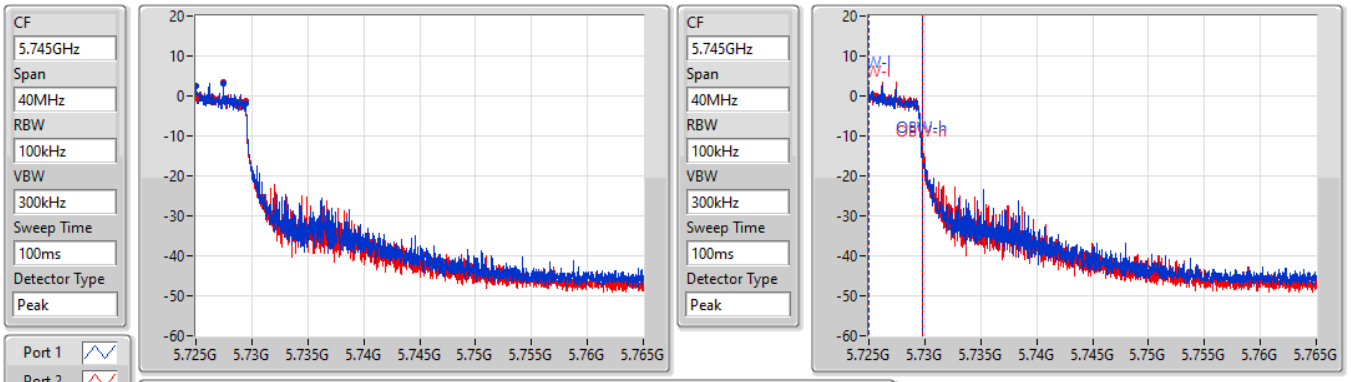


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.95M	5.70805G	5.725G	14.513M	5.710405G	5.724918G	Inf	1
16.65M	5.70835G	5.725G	14.513M	5.710405G	5.724918G	Inf	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

5720MHz Straddle 5.725-5.85GHz

29/09/2022

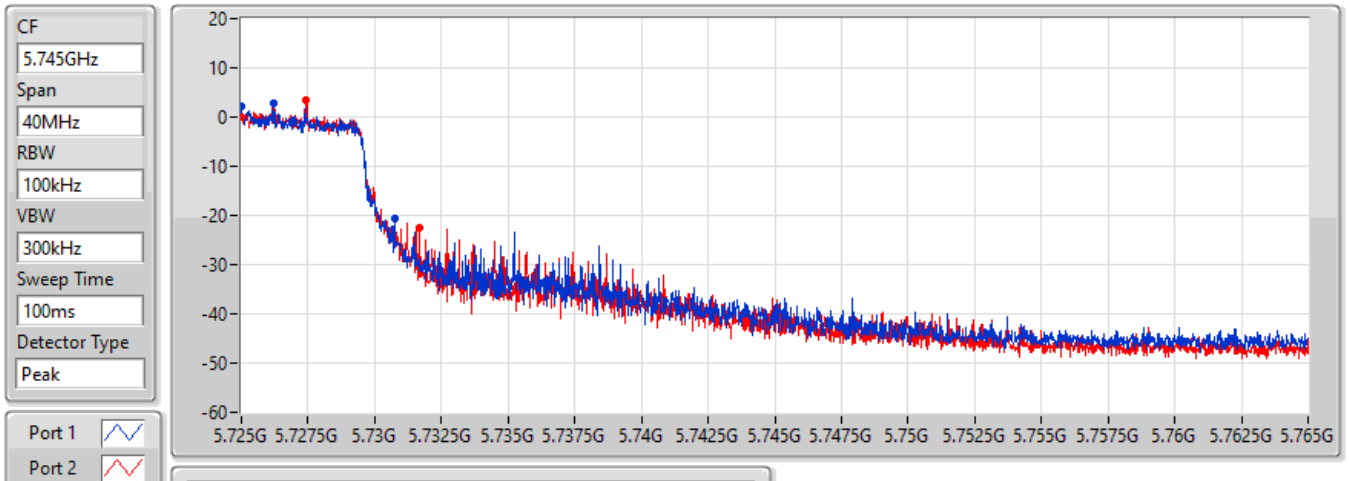


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
4.42M	5.725G	5.72942G	4.758M	5.72501G	5.729768G	500k	1
4.46M	5.725G	5.72946G	4.758M	5.72501G	5.729768G	500k	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

5720MHz Straddle 5.725-5.85GHz

29/09/2022

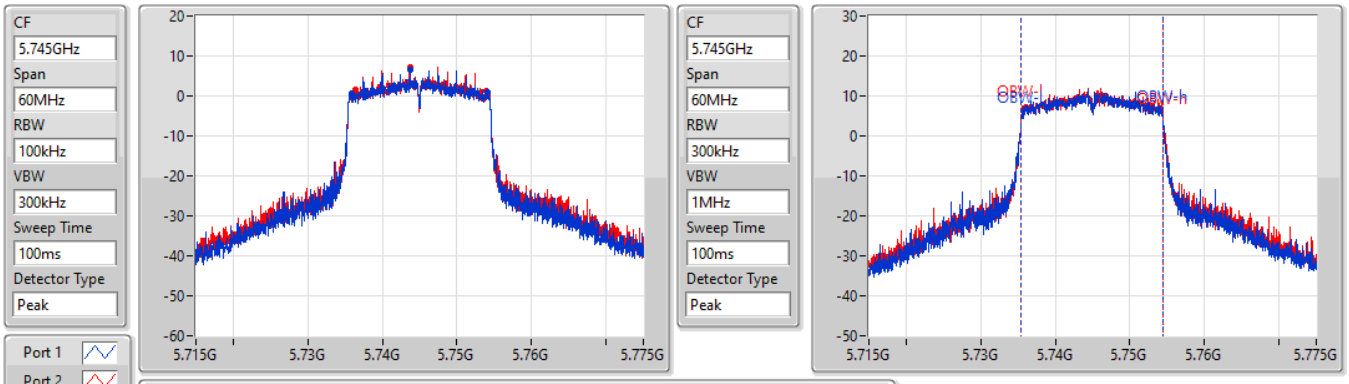


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
5.76M	5.725G	5.73076G	Inf	1
6.68M	5.725G	5.73168G	Inf	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

5745MHz

29/09/2022

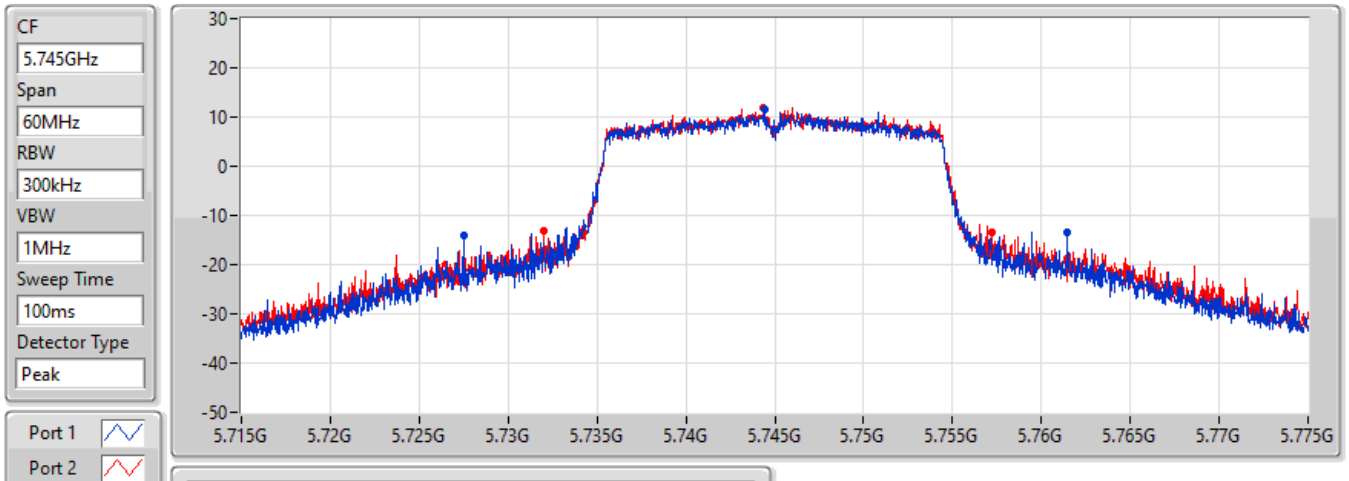


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.24M	5.73594G	5.75418G	19.04M	5.735435G	5.754475G	500k	1
17.49M	5.73639G	5.75388G	19.04M	5.735465G	5.754505G	500k	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

5745MHz

29/09/2022

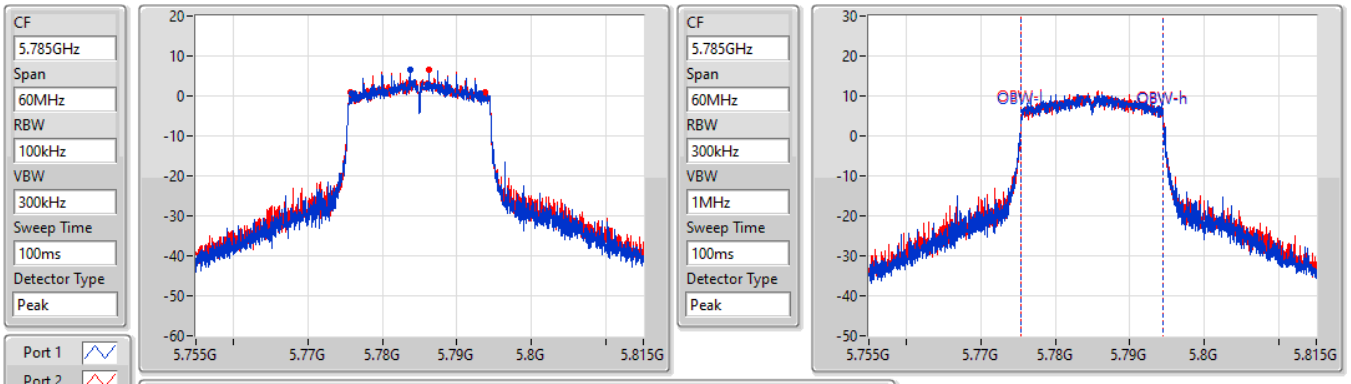


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
33.99M	5.72748G	5.76147G	Inf	1
25.2M	5.73204G	5.75724G	Inf	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

5785MHz

29/09/2022

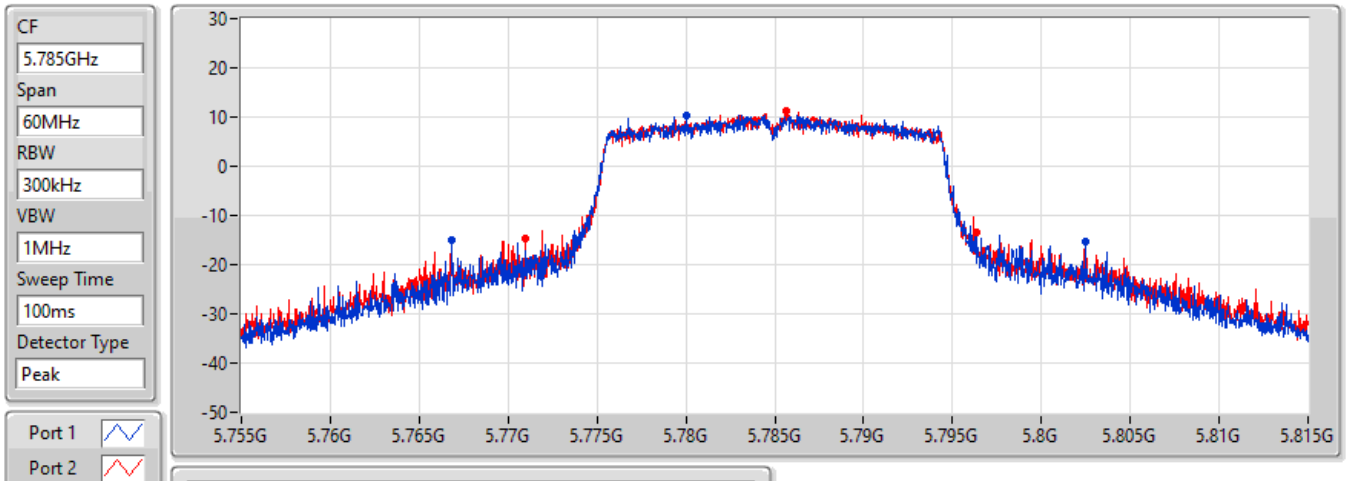


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.22M	5.77585G	5.79307G	19.04M	5.775435G	5.794475G	500k	1
18.03M	5.77567G	5.7937G	19.04M	5.775465G	5.794505G	500k	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

5785MHz

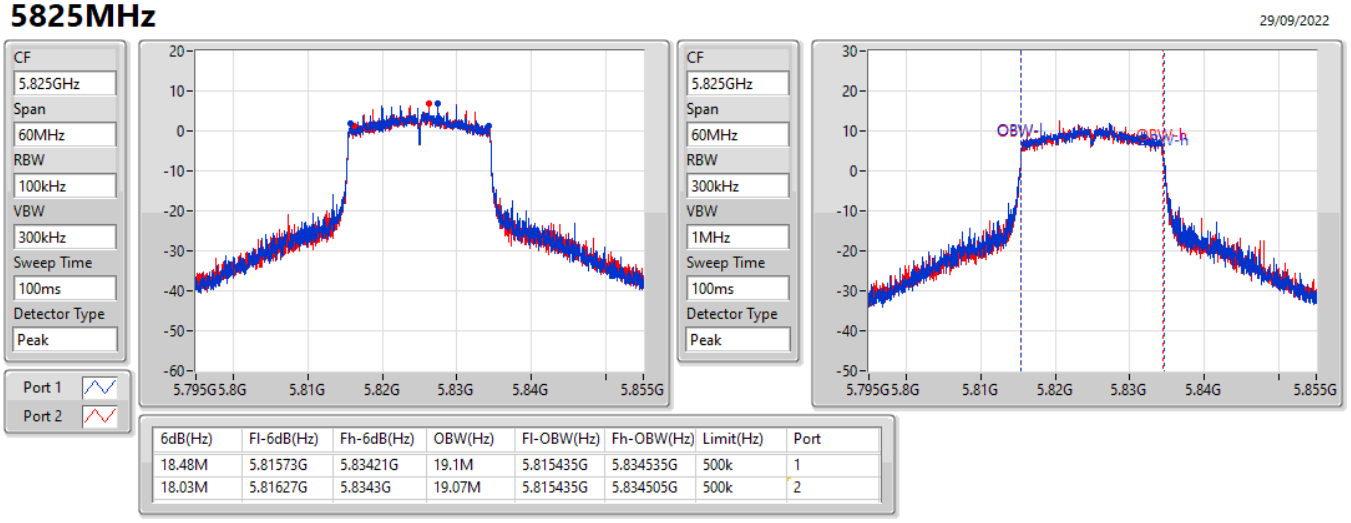
29/09/2022



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
35.67M	5.76682G	5.80249G	Inf	1
25.38M	5.77096G	5.79634G	Inf	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

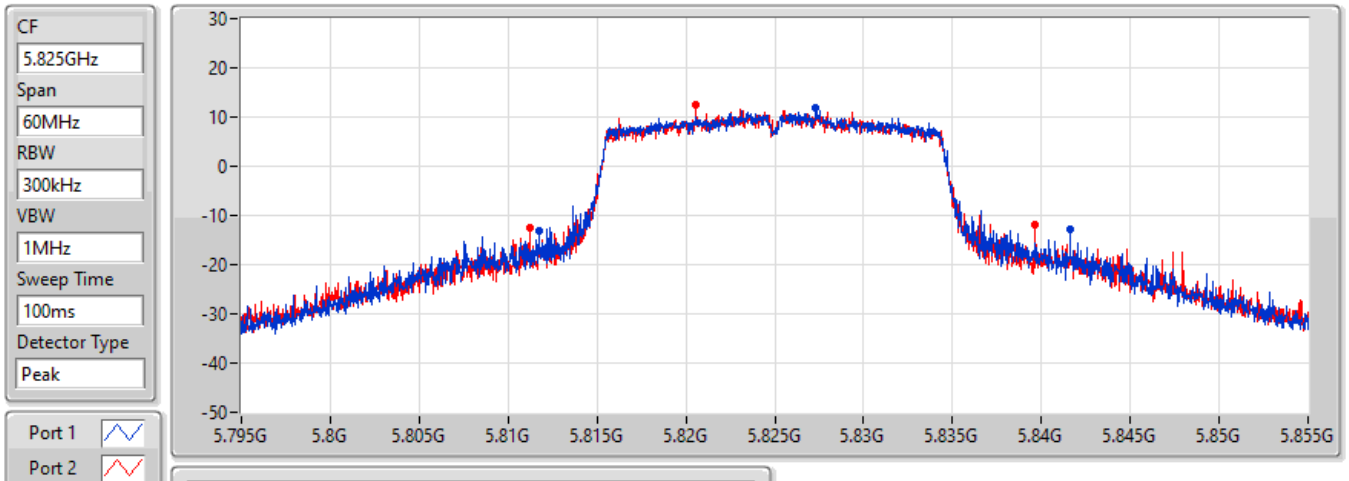
5825MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.48M	5.81573G	5.83421G	19.1M	5.815435G	5.834535G	500k	1
18.03M	5.81627G	5.8343G	19.07M	5.815435G	5.834505G	500k	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

5825MHz

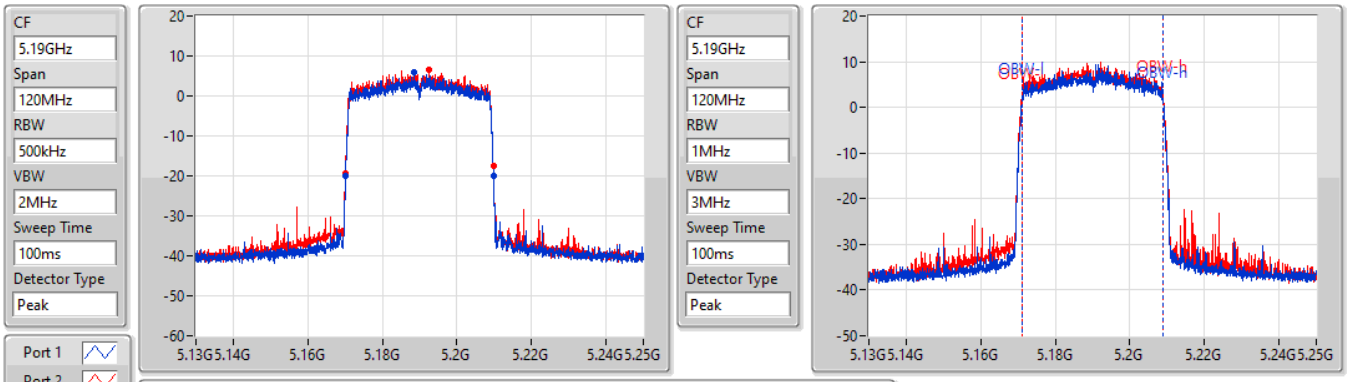


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
29.88M	5.81174G	5.84162G	Inf	1
28.47M	5.8112G	5.83967G	Inf	2

802.11ax HEW40_Nss1,(MCS0)_2TX EBW

5190MHz

13/09/2022

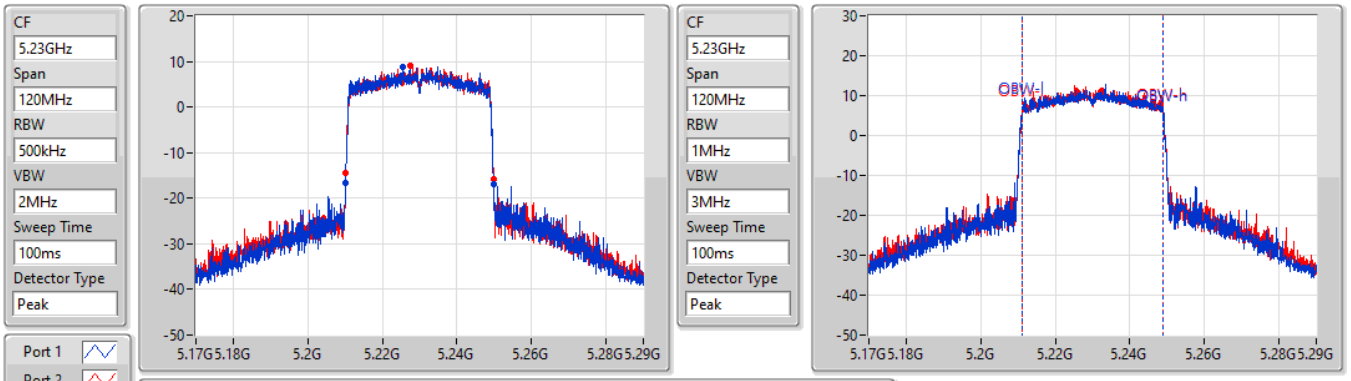


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.66M	5.17014G	5.2098G	37.781M	5.171109G	5.208891G	Inf	1
39.66M	5.17008G	5.20974G	37.841M	5.171049G	5.208891G	Inf	2

802.11ax HEW40_Nss1,(MCS0)_2TX EBW

5230MHz

13/09/2022

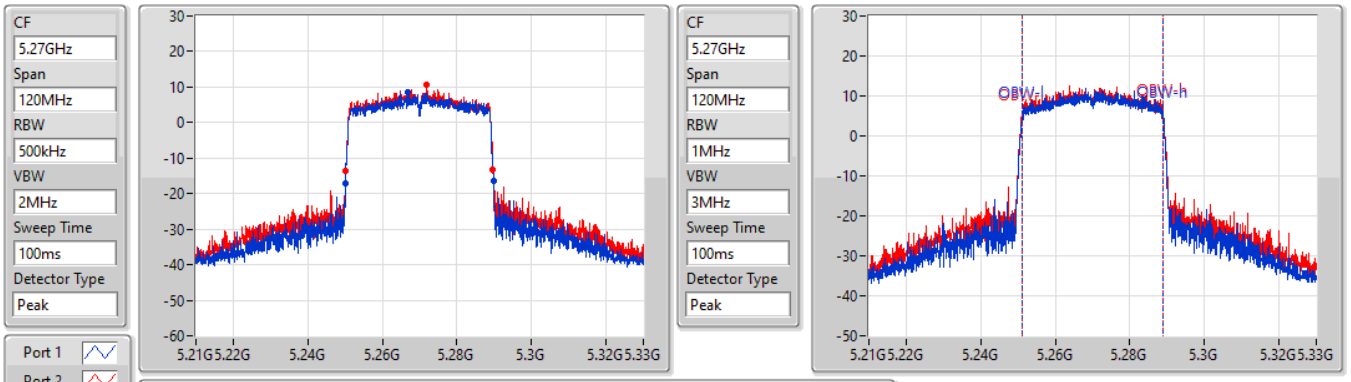


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.78M	5.21014G	5.24992G	37.961M	5.21099G	5.248951G	Inf	1
39.6M	5.2102G	5.2498G	37.901M	5.211049G	5.248951G	Inf	2

802.11ax HEW40_Nss1,(MCS0)_2TX EBW

5270MHz

13/09/2022

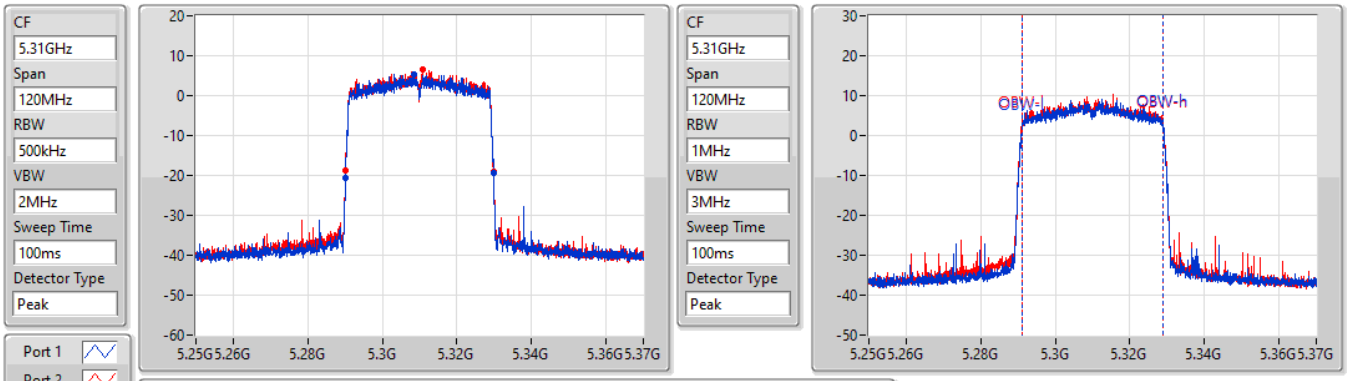


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.72M	5.25014G	5.28986G	37.781M	5.251109G	5.288891G	Inf	1
39.48M	5.2502G	5.28968G	37.841M	5.251049G	5.288891G	Inf	2

802.11ax HEW40_Nss1,(MCS0)_2TX EBW

5310MHz

13/09/2022

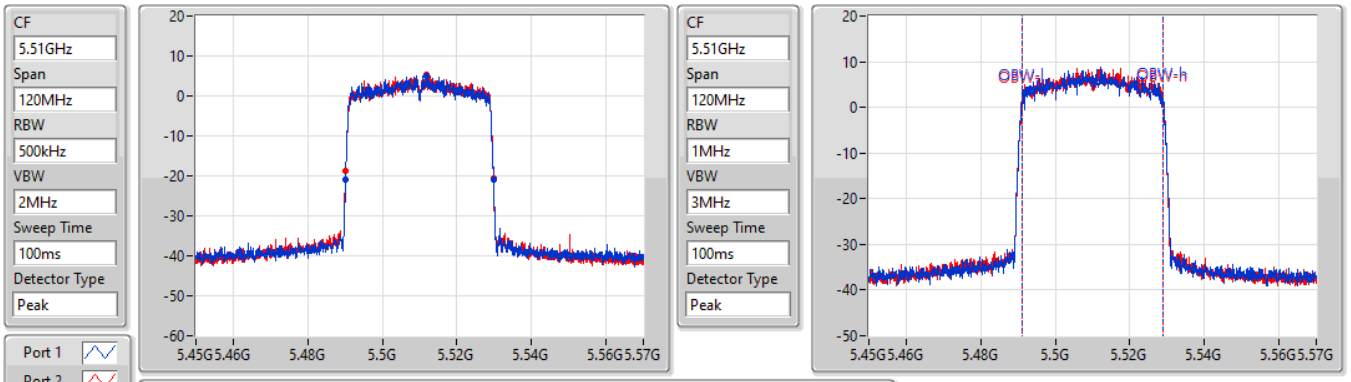


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.72M	5.29014G	5.32986G	37.841M	5.291109G	5.328951G	Inf	1
39.66M	5.29014G	5.3298G	37.781M	5.291109G	5.328891G	Inf	2

802.11ax HEW40_Nss1,(MCS0)_2TX EBW

5510MHz

13/09/2022

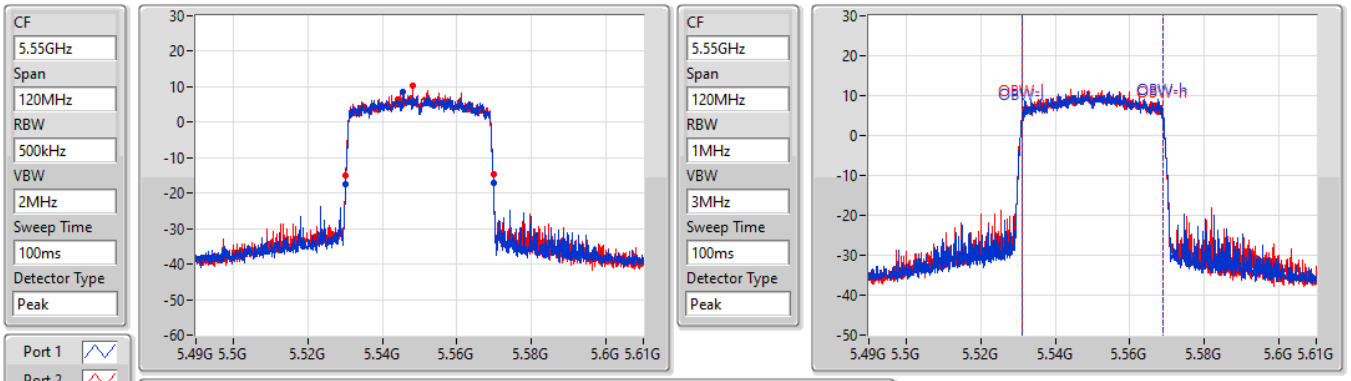


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.72M	5.49008G	5.5298G	37.841M	5.491049G	5.528891G	Inf	1
39.72M	5.49014G	5.52986G	37.721M	5.491169G	5.528891G	Inf	2

802.11ax HEW40_Nss1,(MCS0)_2TX EBW

5550MHz

13/09/2022

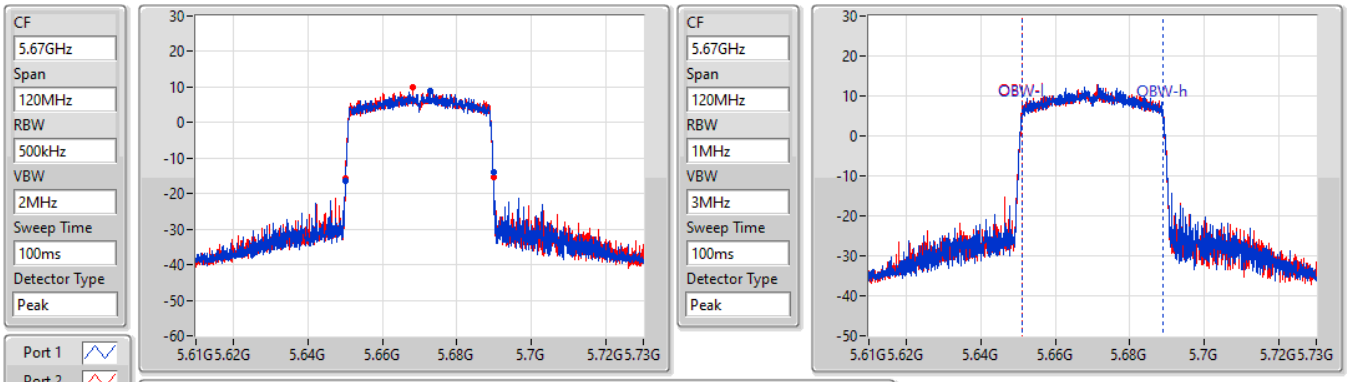


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.72M	5.53008G	5.5698G	37.841M	5.531049G	5.568891G	Inf	1
39.6M	5.53014G	5.56974G	37.661M	5.531169G	5.568831G	Inf	2

802.11ax HEW40_Nss1,(MCS0)_2TX EBW

5670MHz

13/09/2022

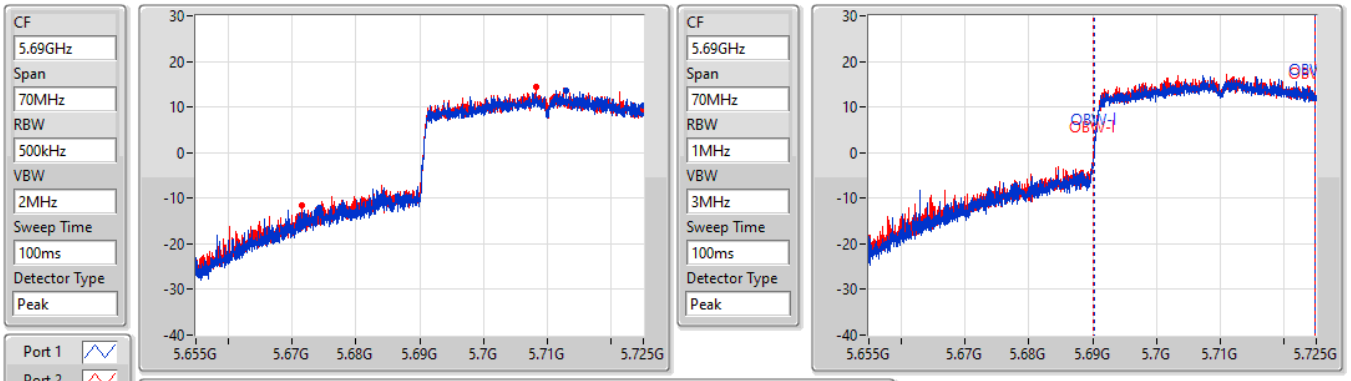


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.6M	5.65014G	5.68974G	37.781M	5.651109G	5.688891G	Inf	1
39.66M	5.65008G	5.68974G	37.841M	5.651049G	5.688891G	Inf	2

802.11ax HEW40_Nss1,(MCS0)_2TX EBW

5710MHz Straddle 5.47-5.725GHz

29/09/2022



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
50.68M	5.67432G	5.725G	34.493M	5.69028G	5.724773G	Inf	1
53.375M	5.671625G	5.725G	34.563M	5.690175G	5.724738G	Inf	2

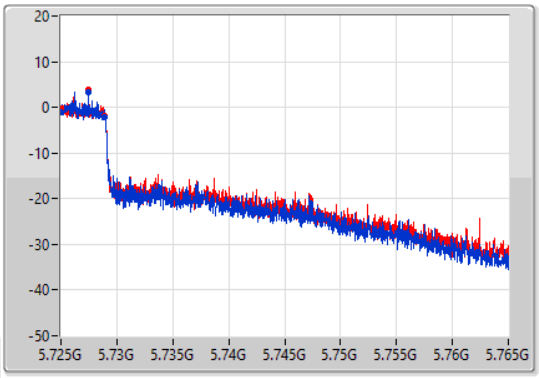
802.11ax HEW40_Nss1,(MCS0)_2TX EBW

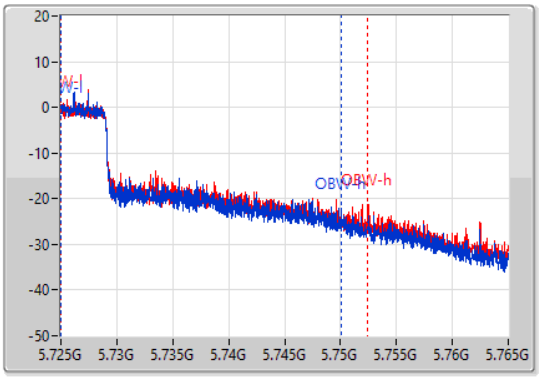
5710MHz Straddle 5.725-5.85GHz

29/09/2022

CF 5.745GHz
Span 40MHz
RBW 100kHz
VBW 300kHz
Sweep Time 100ms
Detector Type Peak

Port 1
Port 2





6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.94M	5.725G	5.72894G	25.067M	5.72503G	5.750097G	500k	1
3.9M	5.725G	5.7289G	27.446M	5.72501G	5.752456G	500k	2

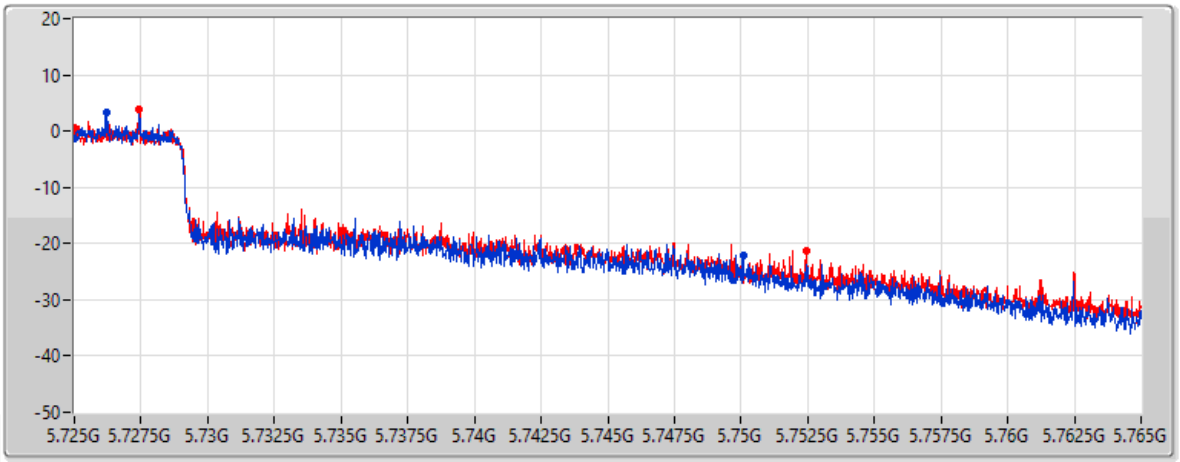
802.11ax HEW40_Nss1,(MCS0)_2TX EBW

5710MHz Straddle 5.725-5.85GHz

29/09/2022

CF 5.745GHz
Span 40MHz
RBW 100kHz
VBW 300kHz
Sweep Time 100ms
Detector Type Peak

Port 1
Port 2

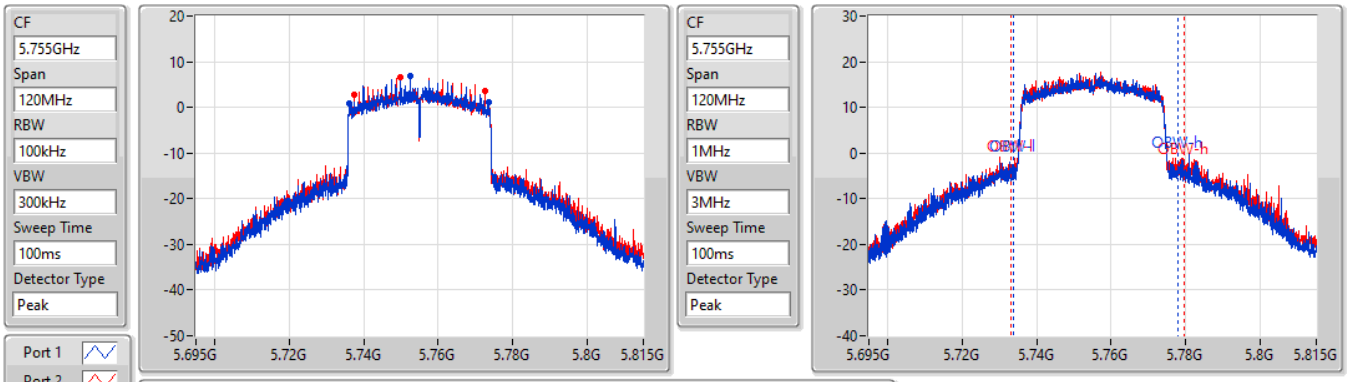


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
25.1M	5.725G	5.7501G	Inf	1
27.48M	5.725G	5.75248G	Inf	2

802.11ax HEW40_Nss1,(MCS0)_2TX EBW

5755MHz

29/09/2022

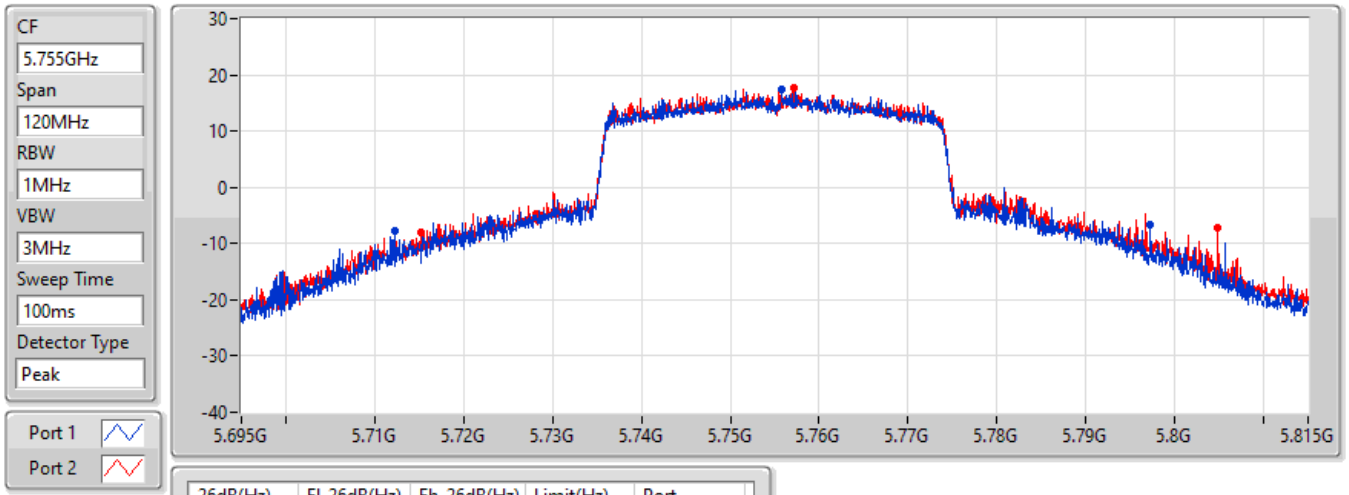


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.14M	5.73628G	5.77342G	44.018M	5.733831G	5.777849G	500k	1
34.98M	5.73748G	5.77246G	46.537M	5.733051G	5.779588G	500k	2

802.11ax HEW40_Nss1,(MCS0)_2TX EBW

5755MHz

29/09/2022

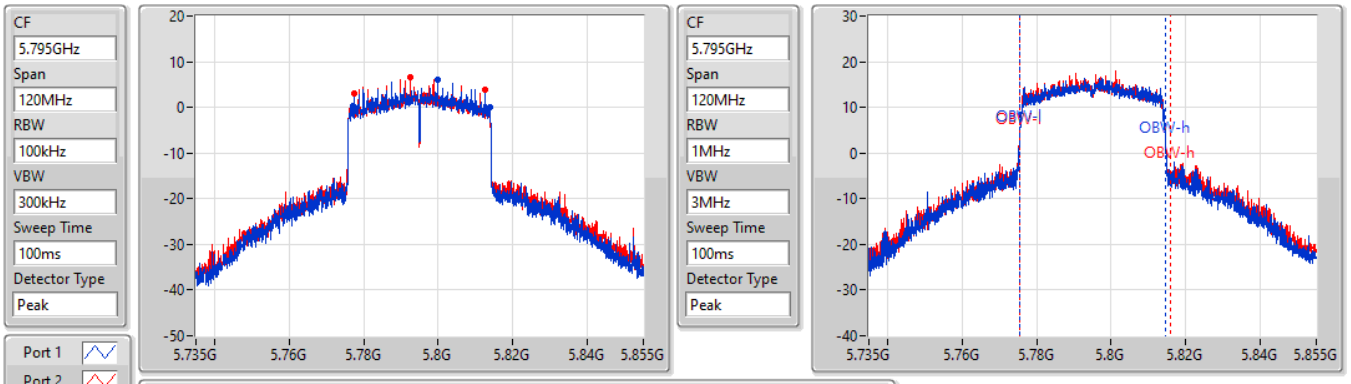


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
85.08M	5.71222G	5.7973G	Inf	1
89.7M	5.71516G	5.80486G	Inf	2

802.11ax HEW40_Nss1,(MCS0)_2TX EBW

5795MHz

29/09/2022

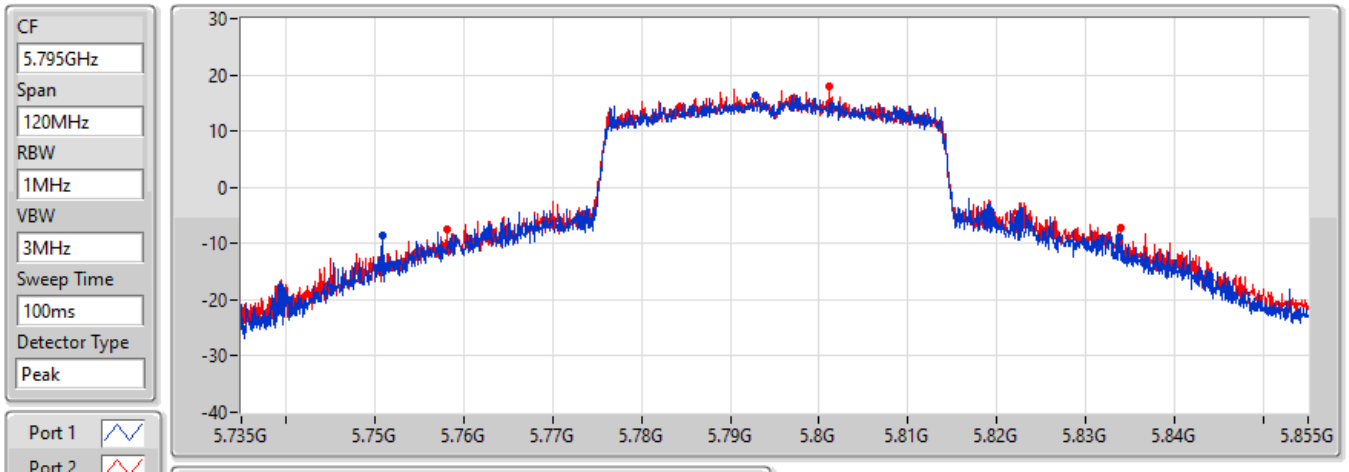


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.66M	5.77718G	5.81384G	39.28M	5.77539G	5.81467G	500k	1
35.04M	5.77742G	5.81246G	40.48M	5.77533G	5.81581G	500k	2

802.11ax HEW40_Nss1,(MCS0)_2TX EBW

5795MHz

29/09/2022

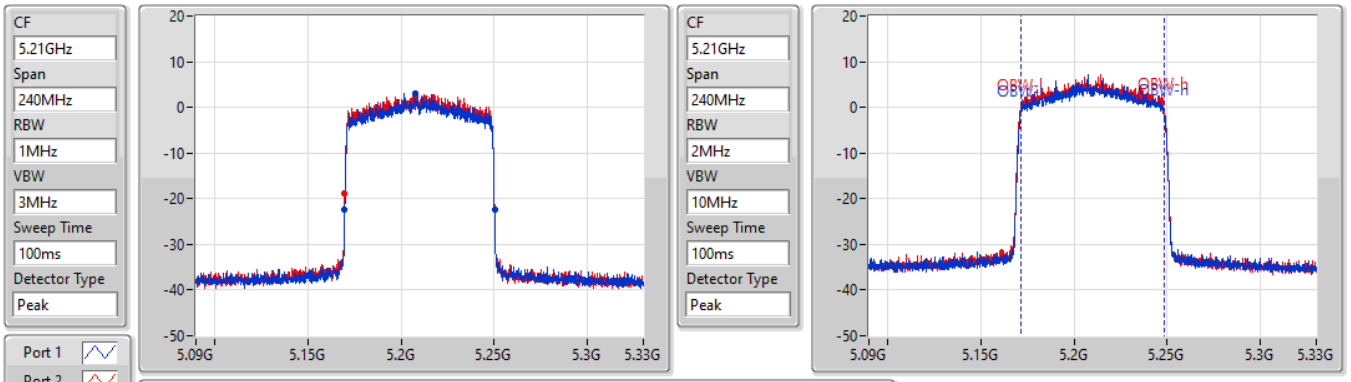


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
82.92M	5.75084G	5.83376G	Inf	1
75.9M	5.7581G	5.834G	Inf	2

802.11ax HEW80_Nss1,(MCS0)_2TX EBW

5210MHz

13/09/2022

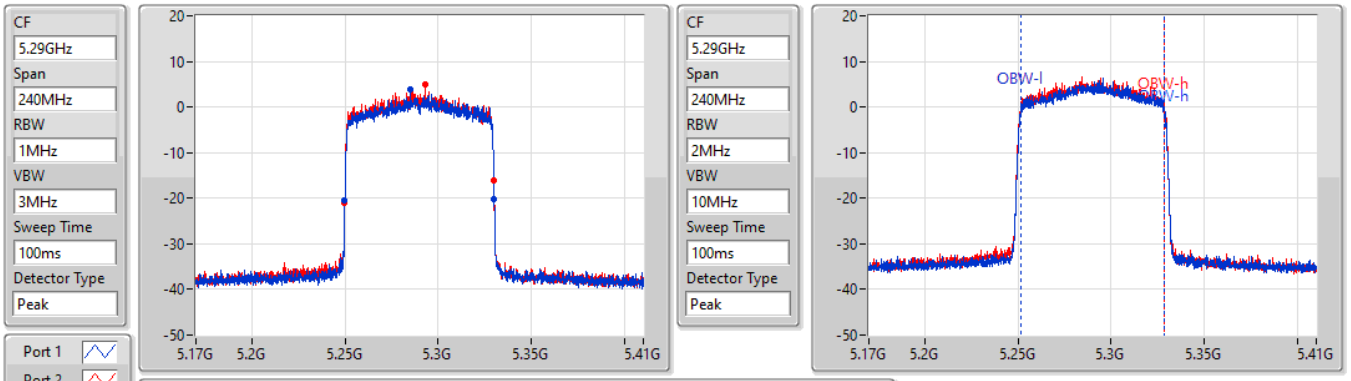


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
80.52M	5.1698G	5.25032G	77.121M	5.171379G	5.248501G	Inf	1
80.4M	5.1698G	5.2502G	77.241M	5.171259G	5.248501G	Inf	2

802.11ax HEW80_Nss1,(MCS0)_2TX EBW

5290MHz

13/09/2022

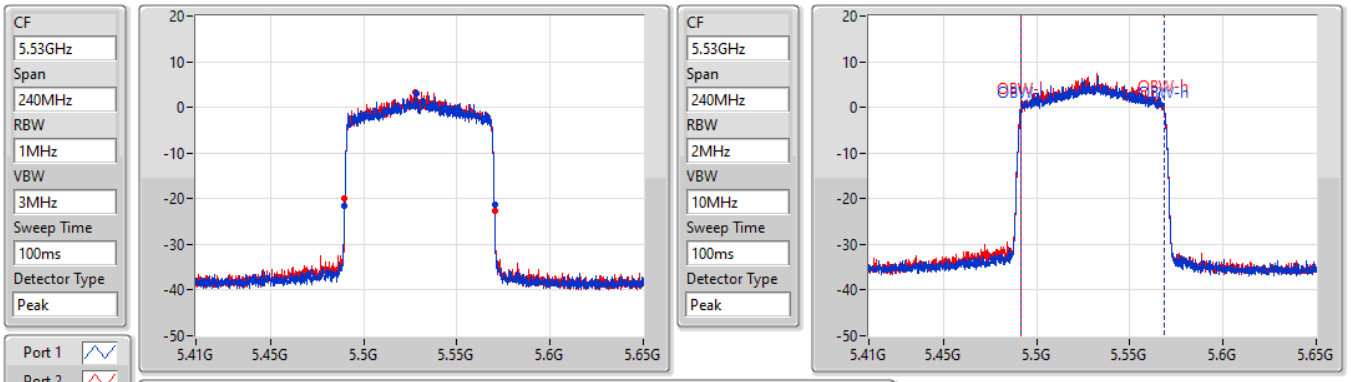


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
80.28M	5.2498G	5.33008G	77.121M	5.251499G	5.328621G	Inf	1
80.16M	5.2498G	5.32996G	77.001M	5.251499G	5.328501G	Inf	2

802.11ax HEW80_Nss1,(MCS0)_2TX EBW

5530MHz

13/09/2022

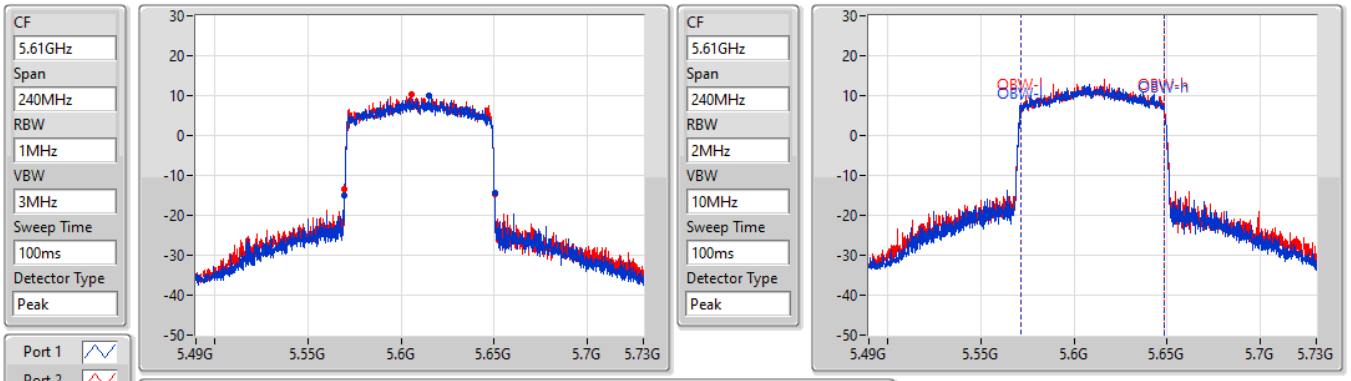


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
80.4M	5.4898G	5.5702G	77.241M	5.491379G	5.568621G	Inf	1
80.52M	5.48968G	5.5702G	77.121M	5.491379G	5.568501G	Inf	2

802.11ax HEW80_Nss1,(MCS0)_2TX EBW

5610MHz

13/09/2022

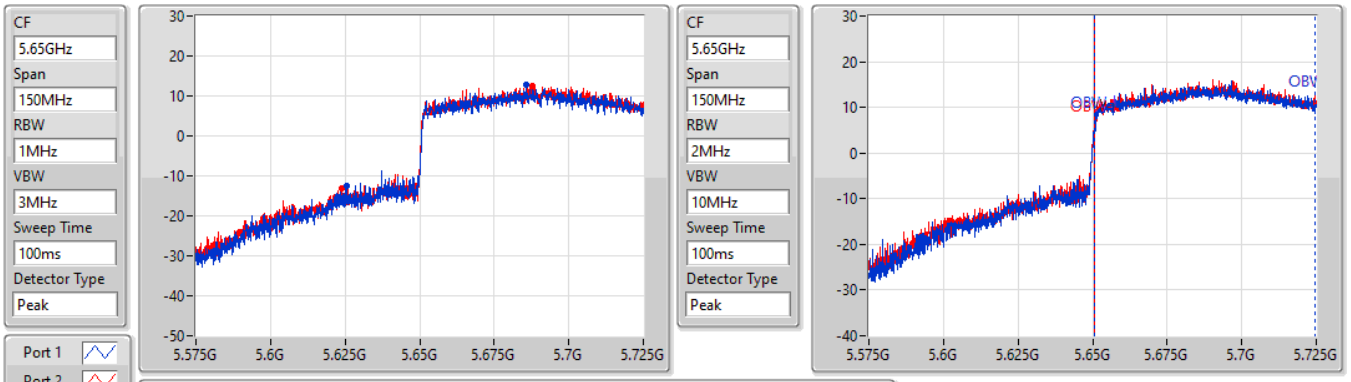


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
80.4M	5.5698G	5.6502G	77.241M	5.571259G	5.648501G	Inf	1
80.4M	5.5698G	5.6502G	77.481M	5.571259G	5.648741G	Inf	2

802.11ax HEW80_Nss1,(MCS0)_2TX EBW

5690MHz Straddle 5.47-5.725GHz

29/09/2022

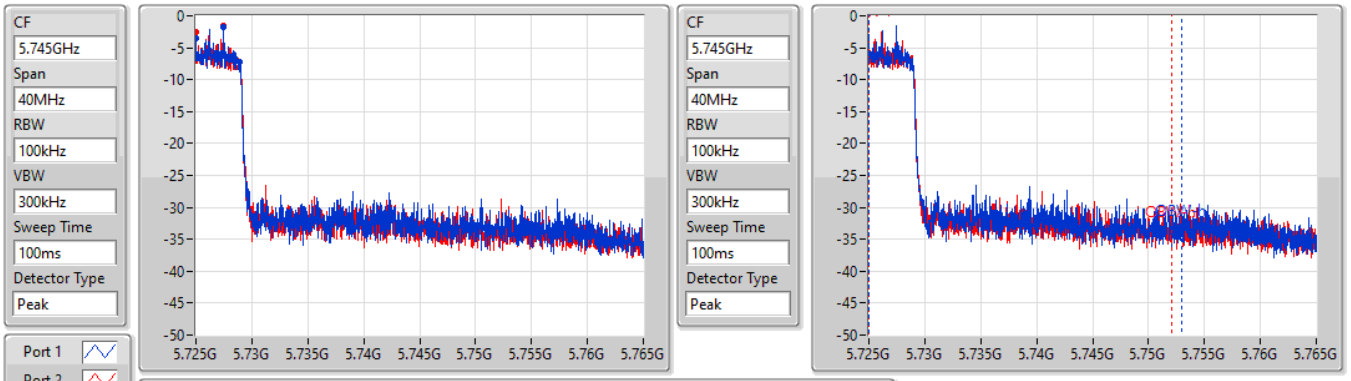


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
99.525M	5.625475G	5.725G	73.688M	5.65075G	5.724438G	Inf	1
100.95M	5.62405G	5.725G	73.838M	5.650675G	5.724513G	Inf	2

802.11ax HEW80_Nss1,(MCS0)_2TX EBW

5690MHz Straddle 5.725-5.85GHz

13/09/2022

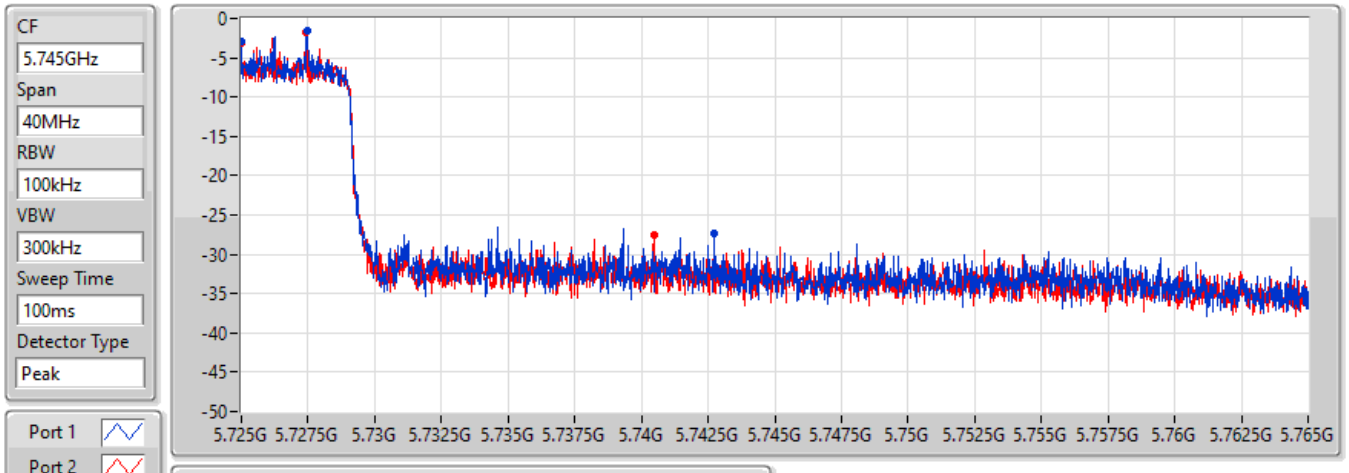


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.88M	5.725G	5.72888G	27.906M	5.72501G	5.752916G	500k	1
3.86M	5.725G	5.72886G	27.106M	5.72501G	5.752116G	500k	2

802.11ax HEW80_Nss1,(MCS0)_2TX EBW

5690MHz Straddle 5.725-5.85GHz

13/09/2022

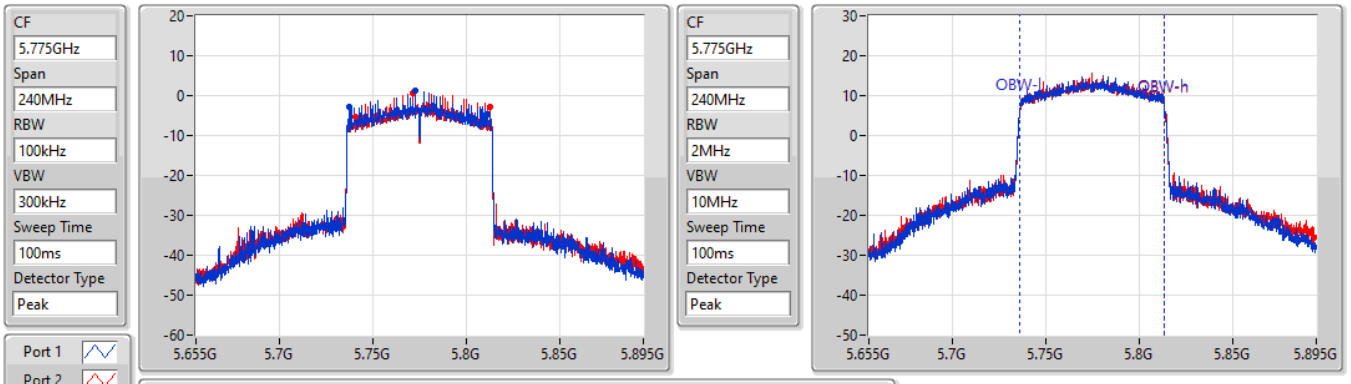


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
17.74M	5.725G	5.74274G	Inf	1
15.46M	5.725G	5.74046G	Inf	2

802.11ax HEW80_Nss1,(MCS0)_2TX EBW

5775MHz

13/09/2022

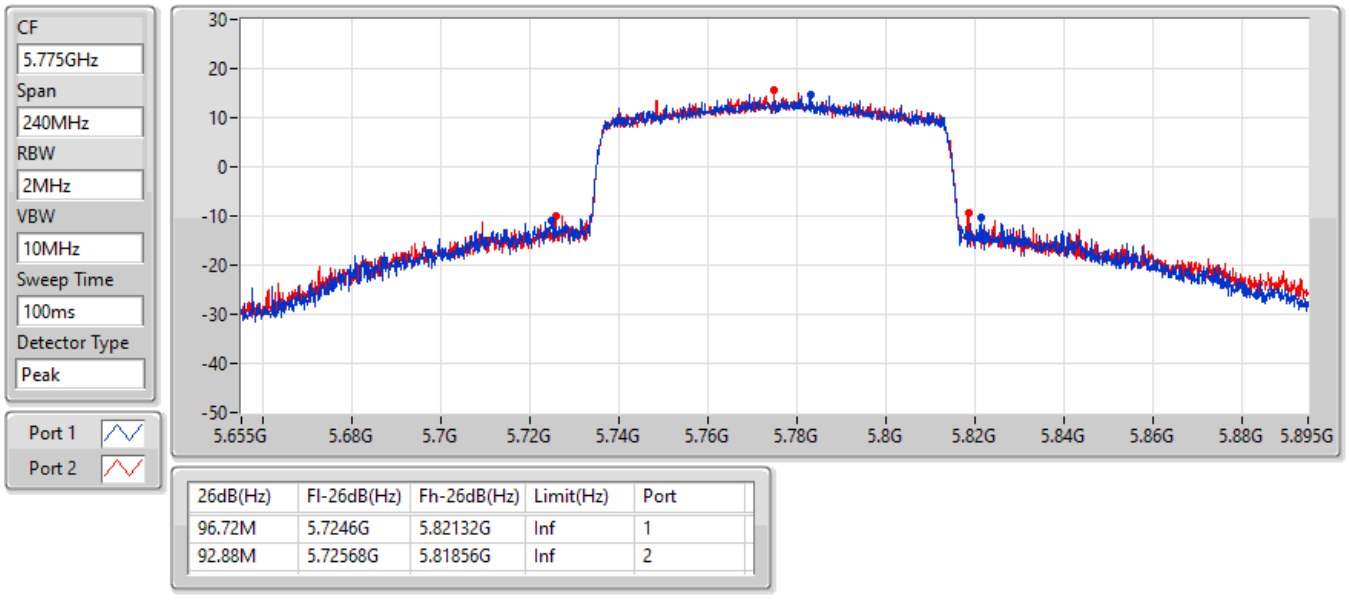


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
73.8M	5.73744G	5.81124G	77.601M	5.736139G	5.813741G	500k	1
72.12M	5.74044G	5.81256G	77.601M	5.736139G	5.813741G	500k	2

802.11ax HEW80_Nss1,(MCS0)_2TX EBW

5775MHz

13/09/2022



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
96.72M	5.7246G	5.82132G	Inf	1
92.88M	5.72568G	5.81856G	Inf	2

Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	20.25	0.10593
802.11ax HEW20_Nss1,(MCS0)_2TX	18.68	0.07379
802.11ax HEW40_Nss1,(MCS0)_2TX	18.58	0.07211
802.11ax HEW80_Nss1,(MCS0)_2TX	12.38	0.01730
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	18.56	0.07178
802.11ax HEW20_Nss1,(MCS0)_2TX	19.54	0.08995
802.11ax HEW40_Nss1,(MCS0)_2TX	18.30	0.06761
802.11ax HEW80_Nss1,(MCS0)_2TX	12.46	0.01762
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	22.08	0.16144
802.11ax HEW20_Nss1,(MCS0)_2TX	22.98	0.19861
802.11ax HEW40_Nss1,(MCS0)_2TX	22.71	0.18664
802.11ax HEW80_Nss1,(MCS0)_2TX	21.47	0.14028
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	20.02	0.10046
802.11ax HEW20_Nss1,(MCS0)_2TX	21.46	0.13996
802.11ax HEW40_Nss1,(MCS0)_2TX	23.83	0.24155
802.11ax HEW80_Nss1,(MCS0)_2TX	20.50	0.11220

Result

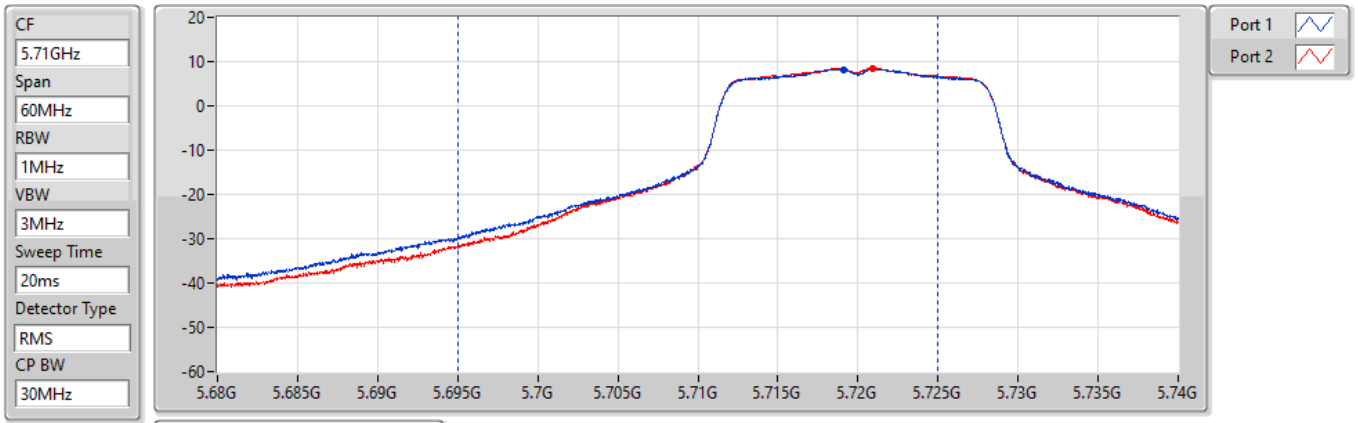
Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	3.35	12.69	13.44	16.09	23.98
5200MHz	Pass	3.35	14.70	15.18	17.96	23.98
5240MHz	Pass	3.35	17.10	17.37	20.25	23.98
5260MHz	Pass	3.35	15.15	15.91	18.56	23.98
5300MHz	Pass	3.35	12.44	12.93	15.70	23.98
5320MHz	Pass	3.35	11.50	12.20	14.87	23.98
5500MHz	Pass	3.35	11.48	11.59	14.55	23.98
5580MHz	Pass	3.35	19.17	18.96	22.08	23.98
5700MHz	Pass	3.35	13.18	13.31	16.26	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	3.35	18.11	18.29	21.21	23.92
5720MHz Straddle 5.725-5.85GHz	Pass	3.35	11.00	11.23	14.13	30.00
5745MHz	Pass	3.35	16.24	16.49	19.38	30.00
5785MHz	Pass	3.35	16.98	17.03	20.02	30.00
5825MHz	Pass	3.35	16.79	16.45	19.63	30.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	3.35	12.72	13.59	16.19	23.98
5200MHz	Pass	3.35	14.15	14.95	17.58	23.98
5240MHz	Pass	3.35	15.55	15.78	18.68	23.98
5260MHz	Pass	3.35	16.12	16.90	19.54	23.98
5300MHz	Pass	3.35	12.35	13.17	15.79	23.98
5320MHz	Pass	3.35	11.53	12.12	14.85	23.98
5500MHz	Pass	3.35	10.99	11.14	14.08	23.98
5580MHz	Pass	3.35	19.87	20.07	22.98	23.98
5700MHz	Pass	3.35	12.60	13.01	15.82	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	3.35	15.12	15.31	18.23	23.21
5720MHz Straddle 5.725-5.85GHz	Pass	3.35	8.54	9.18	11.88	30.00
5745MHz	Pass	3.35	18.12	18.42	21.28	30.00
5785MHz	Pass	3.35	17.88	18.07	20.99	30.00
5825MHz	Pass	3.35	18.52	18.37	21.46	30.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	3.35	11.92	12.61	15.29	23.98
5230MHz	Pass	3.35	15.56	15.58	18.58	23.98
5270MHz	Pass	3.35	14.96	15.60	18.30	23.98
5310MHz	Pass	3.35	12.20	12.73	15.48	23.98
5510MHz	Pass	3.35	11.79	11.77	14.79	23.98
5550MHz	Pass	3.35	14.62	14.78	17.71	23.98
5670MHz	Pass	3.35	15.25	15.37	18.32	23.98
5710MHz Straddle 5.47-5.725GHz	Pass	3.35	19.59	19.81	22.71	23.98
5710MHz Straddle 5.725-5.85GHz	Pass	3.35	9.02	9.11	12.08	30.00
5755MHz	Pass	3.35	20.71	20.92	23.83	30.00
5795MHz	Pass	3.35	20.19	20.39	23.30	30.00
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	3.35	9.03	9.68	12.38	23.98
5290MHz	Pass	3.35	9.17	9.71	12.46	23.98
5530MHz	Pass	3.35	9.01	9.40	12.22	23.98
5610MHz	Pass	3.35	16.05	16.09	19.08	23.98
5690MHz Straddle 5.47-5.725GHz	Pass	3.35	18.34	18.58	21.47	23.98
5690MHz Straddle 5.725-5.85GHz	Pass	3.35	3.54	3.43	6.50	30.00
5775MHz	Pass	3.35	17.48	17.49	20.50	30.00

DG = Directional Gain; Port X = Port X output power

802.11a_Nss1,(6Mbps)_2TX AV Power

5720MHz Straddle 5.47-5.725GHz_TnomVnom

29/09/2022



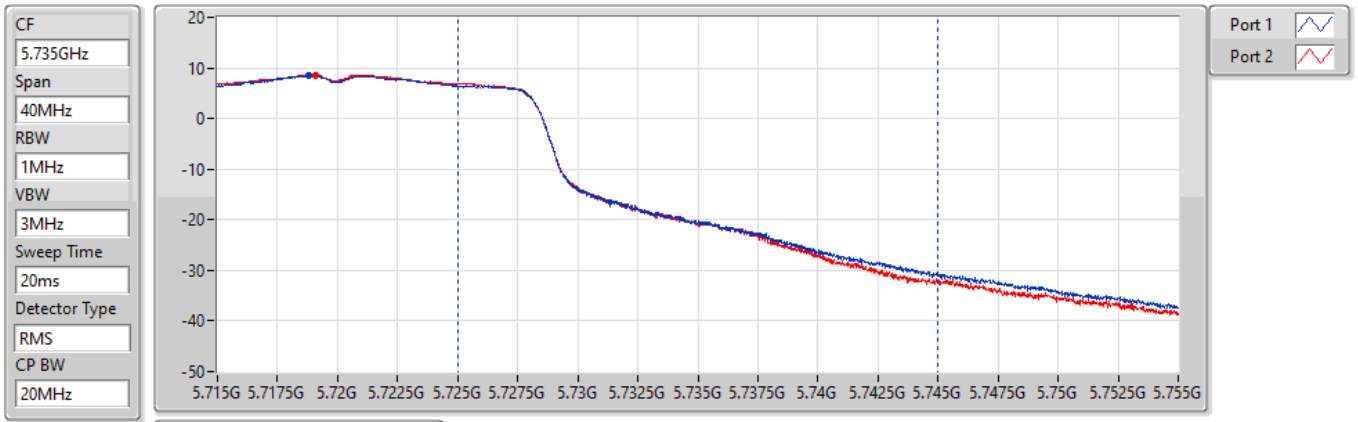
Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)
21.21	18.11	18.29

802.11a_Nss1,(6Mbps)_2TX AV Power

5720MHz Straddle 5.725-5.85GHz_TnomVnom

29/09/2022



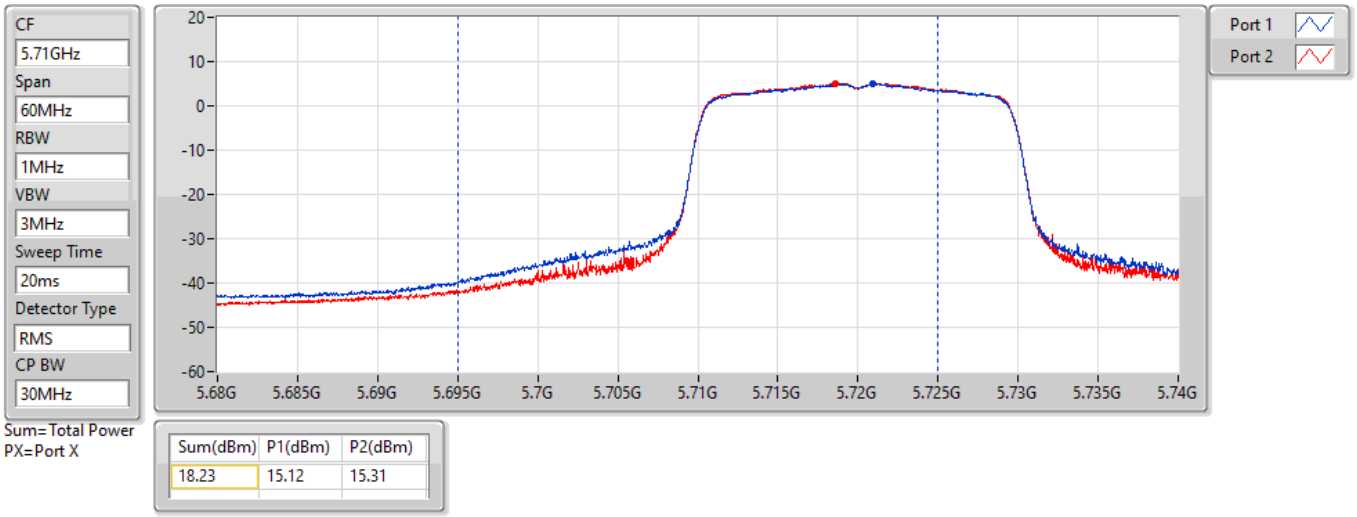
Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)
14.13	11.00	11.23

802.11ax HEW20_Nss1,(MCS0)_2TX AV Power

5720MHz Straddle 5.47-5.725GHz_TnomVnom

29/09/2022

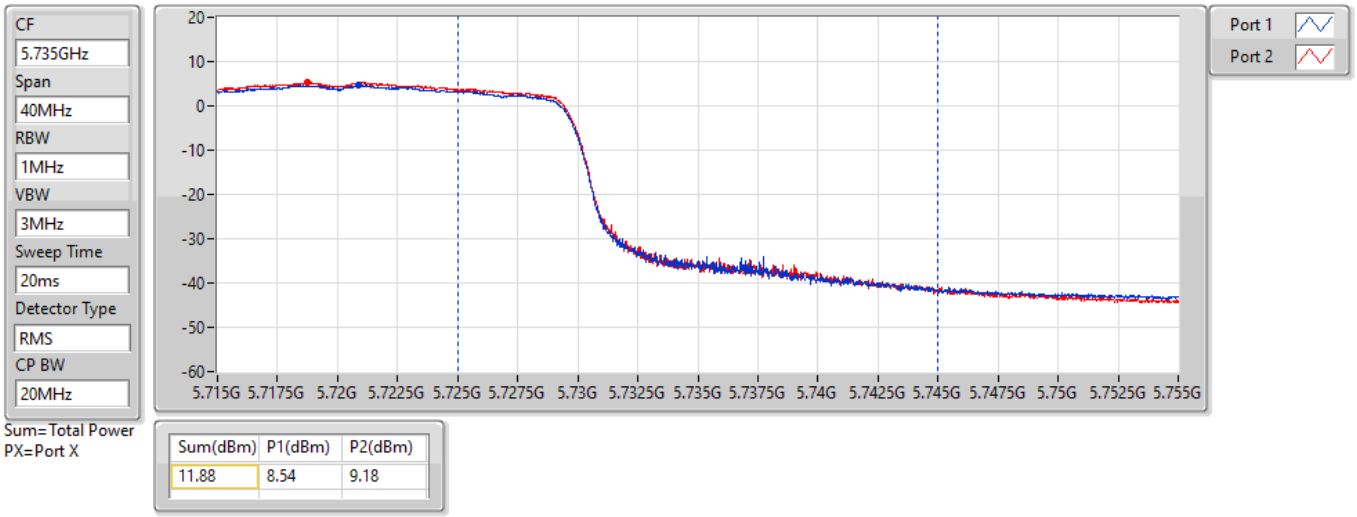


Sum(dBm)	P1(dBm)	P2(dBm)
18.23	15.12	15.31

802.11ax HEW20_Nss1,(MCS0)_2TX AV Power

5720MHz Straddle 5.725-5.85GHz_TnomVnom

29/09/2022

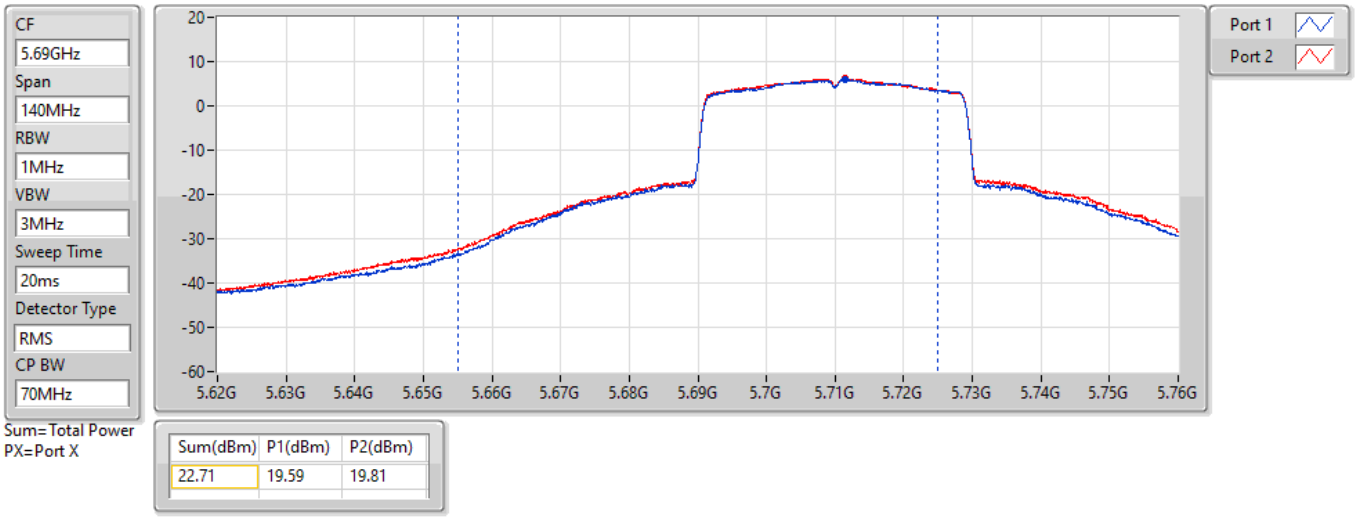


Sum(dBm)	P1(dBm)	P2(dBm)
11.88	8.54	9.18

802.11ax HEW40_Nss1,(MCS0)_2TX AV Power

5710MHz Straddle 5.47-5.725GHz_TnomVnom

29/09/2022

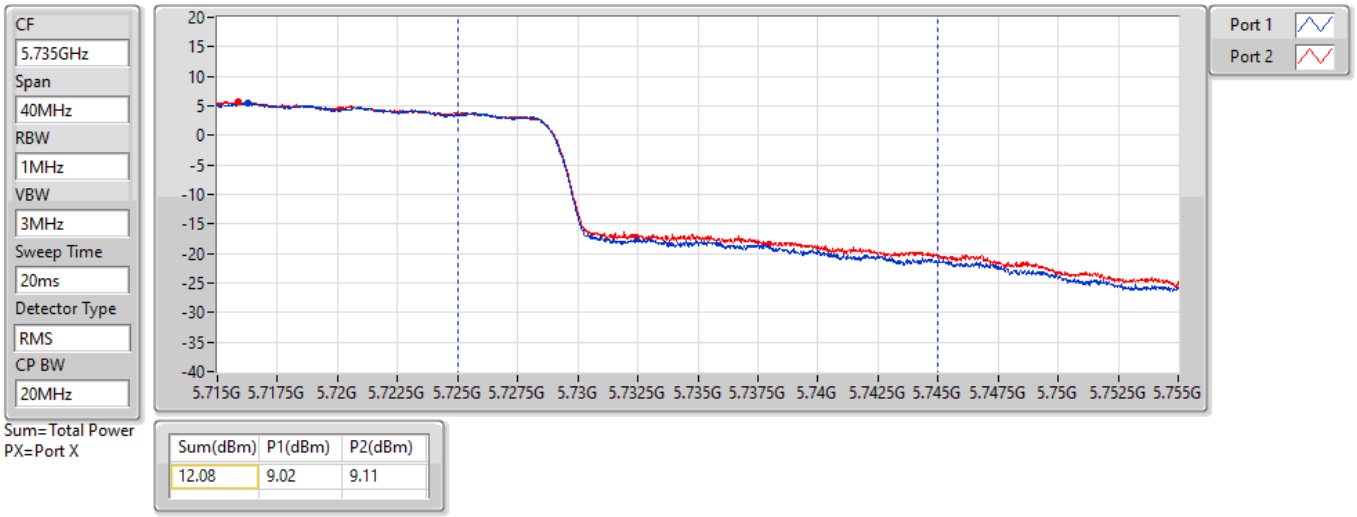


Sum(dBm)	P1(dBm)	P2(dBm)
22.71	19.59	19.81

802.11ax HEW40_Nss1,(MCS0)_2TX AV Power

5710MHz Straddle 5.725-5.85GHz_TnomVnom

29/09/2022

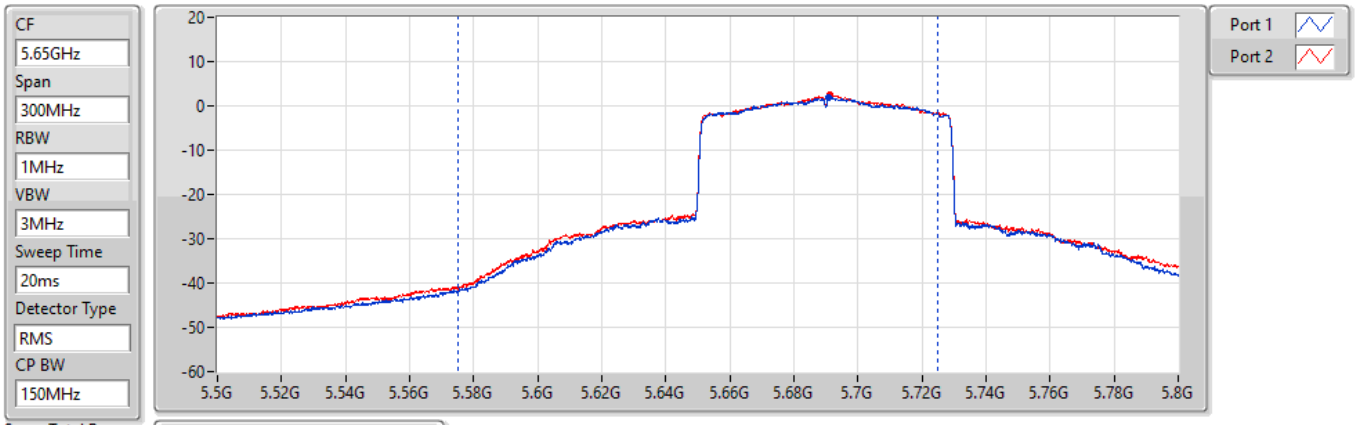


Sum(dBm)	P1(dBm)	P2(dBm)
12.08	9.02	9.11

802.11ax HEW80_Nss1,(MCS0)_2TX AV Power

5690MHz Straddle 5.47-5.725GHz_TnomVnom

29/09/2022

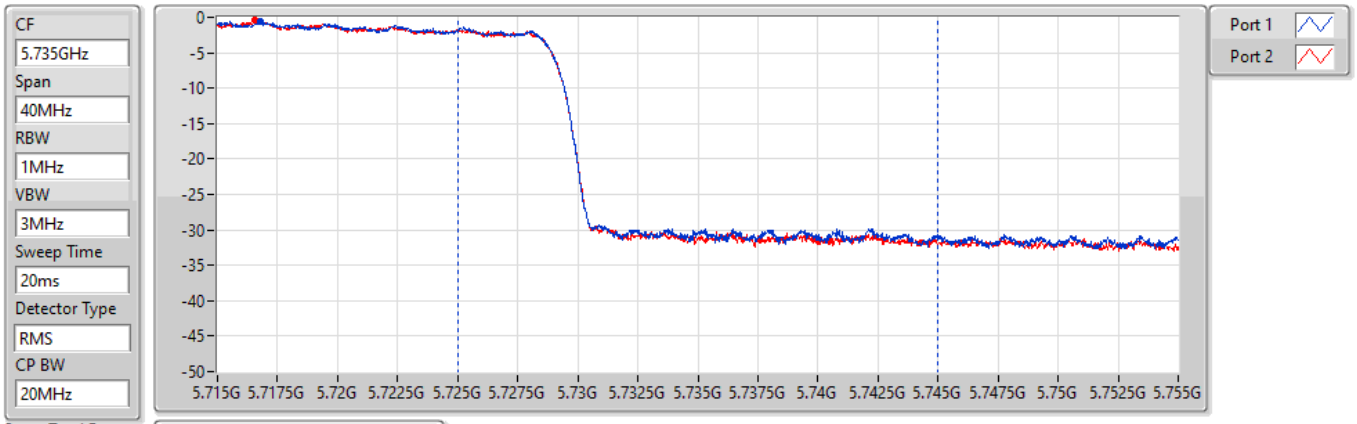


Sum(dBm)	P1(dBm)	P2(dBm)
21.47	18.34	18.58

802.11ax HEW80_Nss1,(MCS0)_2TX AV Power

5690MHz Straddle 5.725-5.85GHz_TnomVnom

13/09/2022



Sum(dBm)	P1(dBm)	P2(dBm)
6.50	3.54	3.43

Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11a_Nss1,(6Mbps)_2TX	7.94
802.11ax HEW20_Nss1,(MCS0)_2TX	5.91
802.11ax HEW40_Nss1,(MCS0)_2TX	2.92
802.11ax HEW80_Nss1,(MCS0)_2TX	-5.85
5.25-5.35GHz	-
802.11a_Nss1,(6Mbps)_2TX	6.58
802.11ax HEW20_Nss1,(MCS0)_2TX	7.10
802.11ax HEW40_Nss1,(MCS0)_2TX	2.78
802.11ax HEW80_Nss1,(MCS0)_2TX	-5.87
5.47-5.725GHz	-
802.11a_Nss1,(6Mbps)_2TX	10.28
802.11ax HEW20_Nss1,(MCS0)_2TX	10.27
802.11ax HEW40_Nss1,(MCS0)_2TX	7.53
802.11ax HEW80_Nss1,(MCS0)_2TX	3.47
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_2TX	6.59
802.11ax HEW20_Nss1,(MCS0)_2TX	7.18
802.11ax HEW40_Nss1,(MCS0)_2TX	6.59
802.11ax HEW80_Nss1,(MCS0)_2TX	0.86

RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;

Result

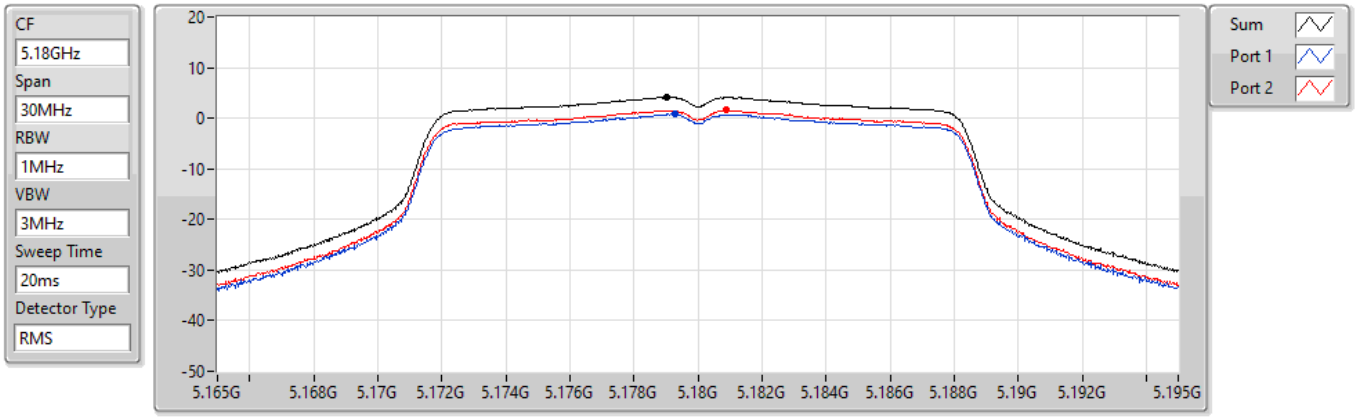
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	6.36	0.79	1.55	4.17	10.64
5200MHz	Pass	6.36	2.69	3.20	5.87	10.64
5240MHz	Pass	6.36	4.92	5.18	7.94	10.64
5260MHz	Pass	6.36	3.41	3.96	6.58	10.64
5300MHz	Pass	6.36	0.60	1.07	3.75	10.64
5320MHz	Pass	6.36	-0.51	0.21	2.77	10.64
5500MHz	Pass	6.36	-0.51	-0.38	2.49	10.64
5580MHz	Pass	6.36	7.26	7.40	10.28	10.64
5700MHz	Pass	6.36	1.25	1.32	4.22	10.64
5720MHz Straddle 5.47-5.725GHz	Pass	6.36	6.92	7.07	9.97	10.64
5720MHz Straddle 5.725-5.85GHz	Pass	6.36	3.46	3.84	6.59	29.64
5745MHz	Pass	6.36	2.72	3.04	5.81	29.64
5785MHz	Pass	6.36	3.36	3.55	6.37	29.64
5825MHz	Pass	6.36	3.18	2.90	5.98	29.64
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	6.36	0.14	0.90	3.46	10.64
5200MHz	Pass	6.36	1.51	2.33	4.83	10.64
5240MHz	Pass	6.36	2.74	3.17	5.91	10.64
5260MHz	Pass	6.36	3.80	4.44	7.10	10.64
5300MHz	Pass	6.36	-0.04	0.60	3.14	10.64
5320MHz	Pass	6.36	-0.80	-0.26	2.14	10.64
5500MHz	Pass	6.36	-1.51	-1.54	1.44	10.64
5580MHz	Pass	6.36	7.32	7.43	10.27	10.64
5700MHz	Pass	6.36	0.36	0.36	3.19	10.64
5720MHz Straddle 5.47-5.725GHz	Pass	6.36	3.68	3.88	6.65	10.64
5720MHz Straddle 5.725-5.85GHz	Pass	6.36	0.65	0.97	3.67	29.64
5745MHz	Pass	6.36	3.89	4.42	7.06	29.64
5785MHz	Pass	6.36	3.71	3.90	6.73	29.64
5825MHz	Pass	6.36	4.52	4.21	7.18	29.64
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	6.36	-3.75	-2.95	-0.38	10.64
5230MHz	Pass	6.36	-0.08	0.12	2.92	10.64
5270MHz	Pass	6.36	-0.61	0.19	2.78	10.64
5310MHz	Pass	6.36	-3.11	-2.84	-0.12	10.64
5510MHz	Pass	6.36	-3.88	-3.56	-0.71	10.64
5550MHz	Pass	6.36	-0.88	-0.64	2.18	10.64
5670MHz	Pass	6.36	-0.08	-0.14	2.81	10.64
5710MHz Straddle 5.47-5.725GHz	Pass	6.36	4.54	4.60	7.53	10.64
5710MHz Straddle 5.725-5.85GHz	Pass	6.36	0.62	0.78	3.66	29.64
5755MHz	Pass	6.36	3.60	3.70	6.59	29.64
5795MHz	Pass	6.36	2.91	3.24	5.99	29.64
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	6.36	-9.13	-8.60	-5.85	10.64
5290MHz	Pass	6.36	-8.80	-8.40	-5.87	10.64
5530MHz	Pass	6.36	-9.07	-8.76	-5.97	10.64
5610MHz	Pass	6.36	-1.75	-1.32	1.27	10.64
5690MHz Straddle 5.47-5.725GHz	Pass	6.36	0.30	0.69	3.47	10.64
5690MHz Straddle 5.725-5.85GHz	Pass	6.36	-4.79	-4.81	-2.08	29.64
5775MHz	Pass	6.36	-2.07	-2.09	0.86	29.64

DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;

802.11a_Nss1,(6Mbps)_2TX PSD

5180MHz

13/09/2022

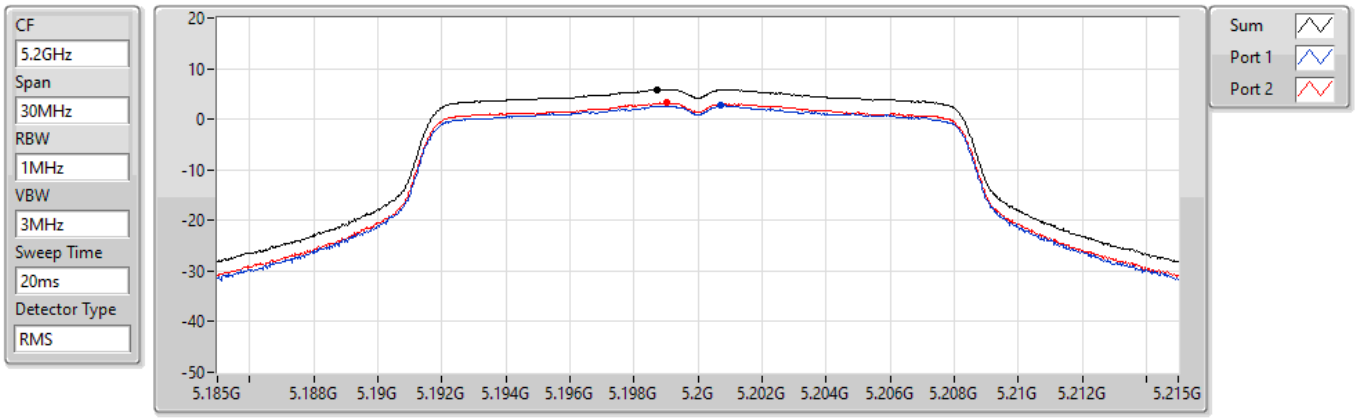


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.17	4.17	0.79	1.55

802.11a_Nss1,(6Mbps)_2TX PSD

5200MHz

13/09/2022

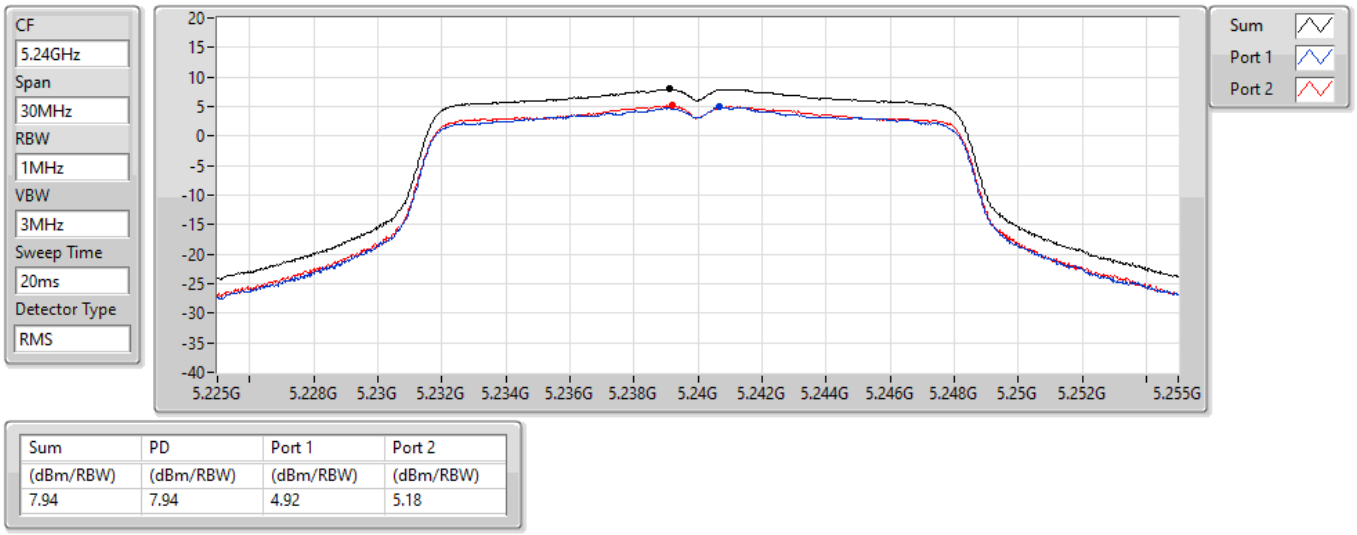


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.87	5.87	2.69	3.20

802.11a_Nss1,(6Mbps)_2TX PSD

5240MHz

29/09/2022

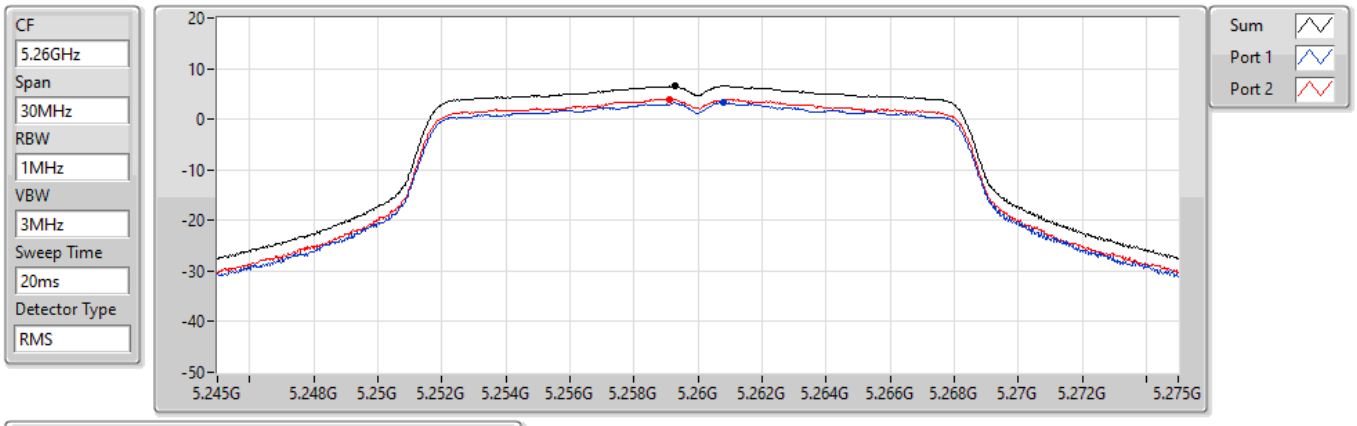


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.94	7.94	4.92	5.18

802.11a_Nss1,(6Mbps)_2TX PSD

5260MHz

13/09/2022

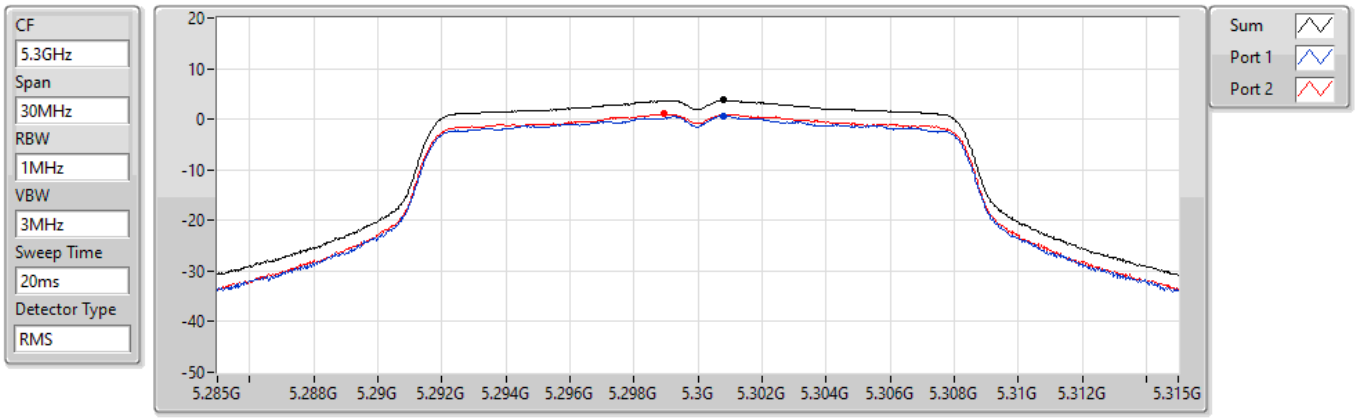


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.58	6.58	3.41	3.96

802.11a_Nss1,(6Mbps)_2TX PSD

5300MHz

13/09/2022

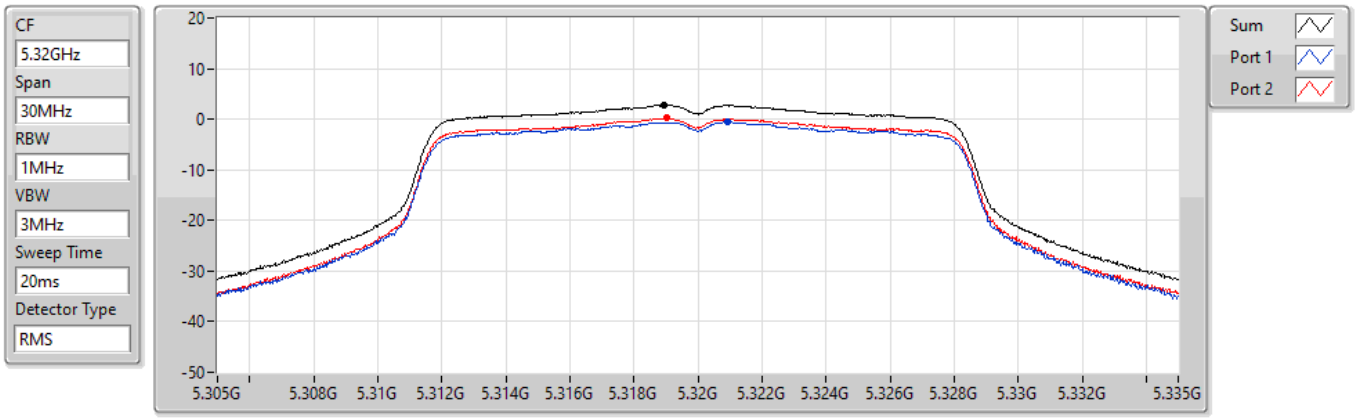


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.75	3.75	0.60	1.07

802.11a_Nss1,(6Mbps)_2TX PSD

5320MHz

13/09/2022

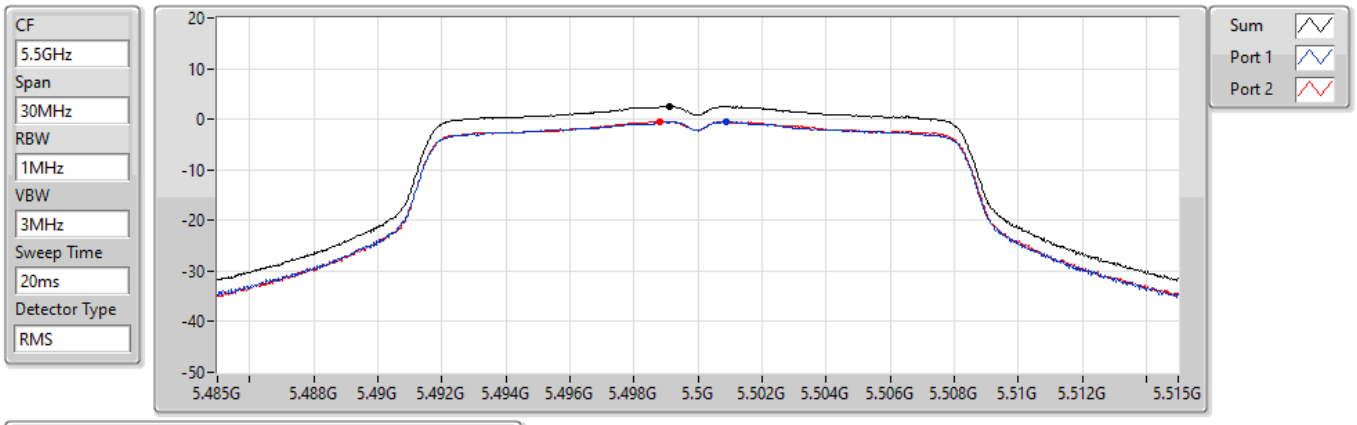


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.77	2.77	-0.51	0.21

802.11a_Nss1,(6Mbps)_2TX PSD

5500MHz

13/09/2022

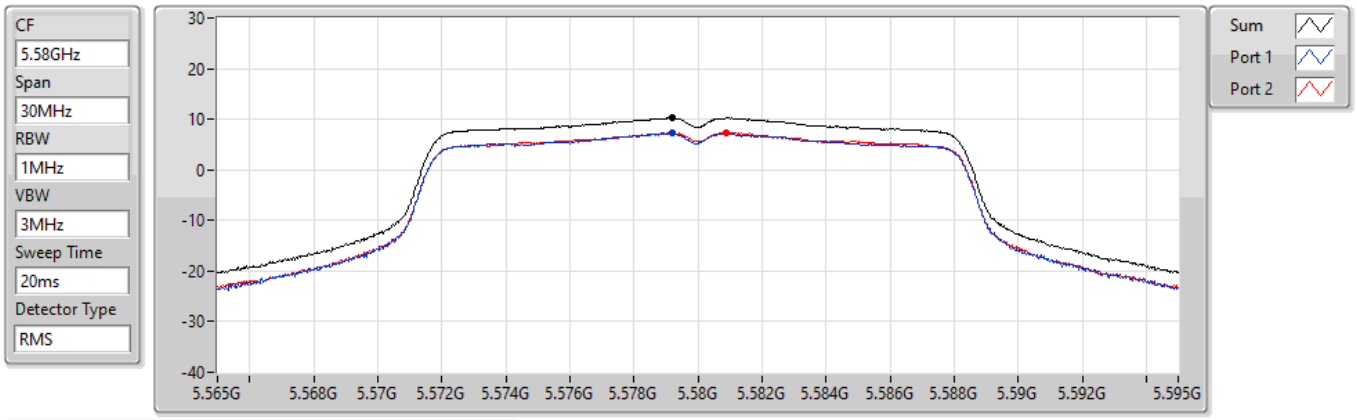


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.49	2.49	-0.51	-0.38

802.11a_Nss1,(6Mbps)_2TX PSD

5580MHz

14/09/2022

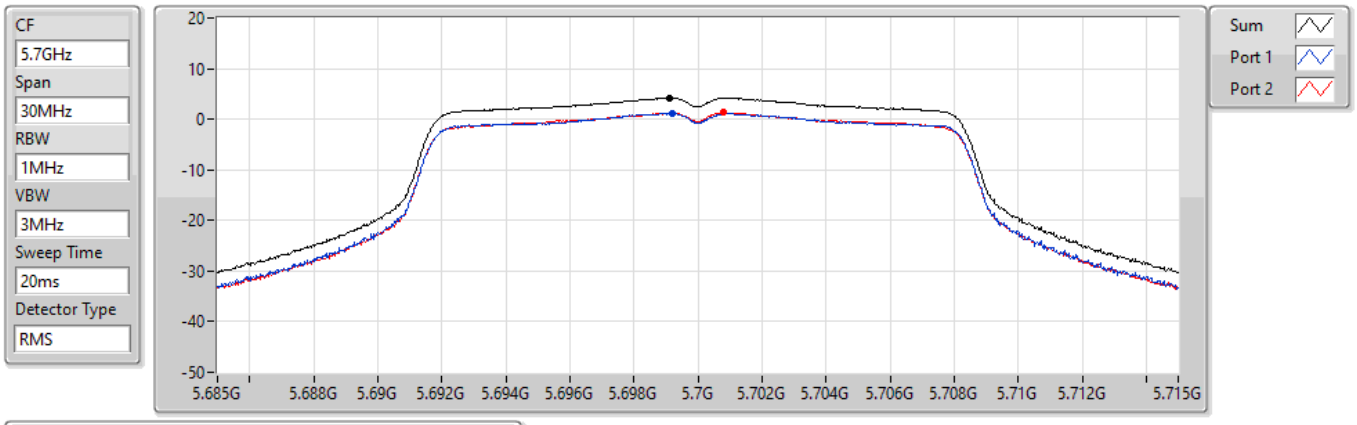


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.28	10.28	7.26	7.40

802.11a_Nss1,(6Mbps)_2TX PSD

5700MHz

13/09/2022

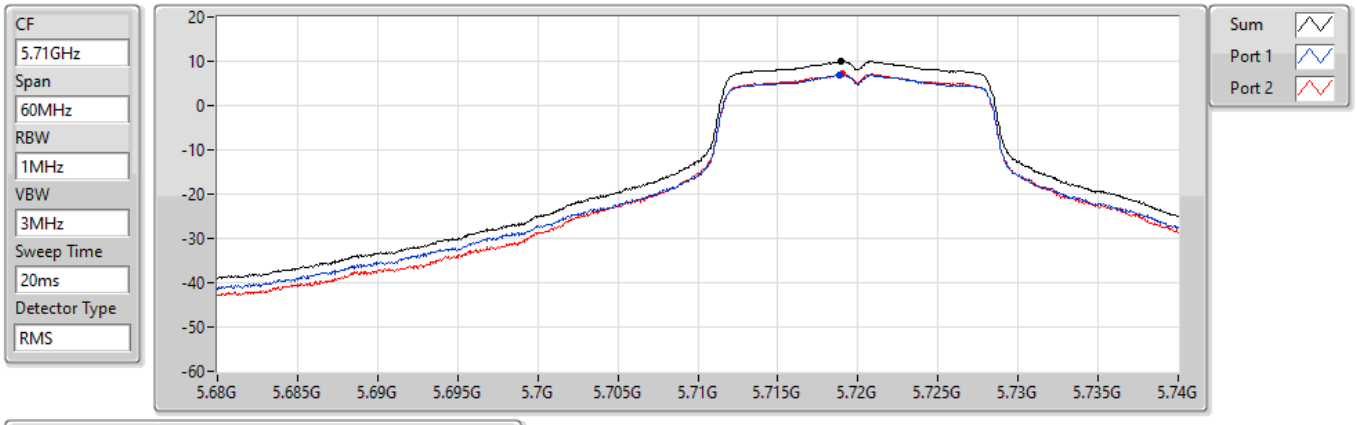


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.22	4.22	1.25	1.32

802.11a_Nss1,(6Mbps)_2TX PSD

5720MHz Straddle 5.47-5.725GHz

29/09/2022

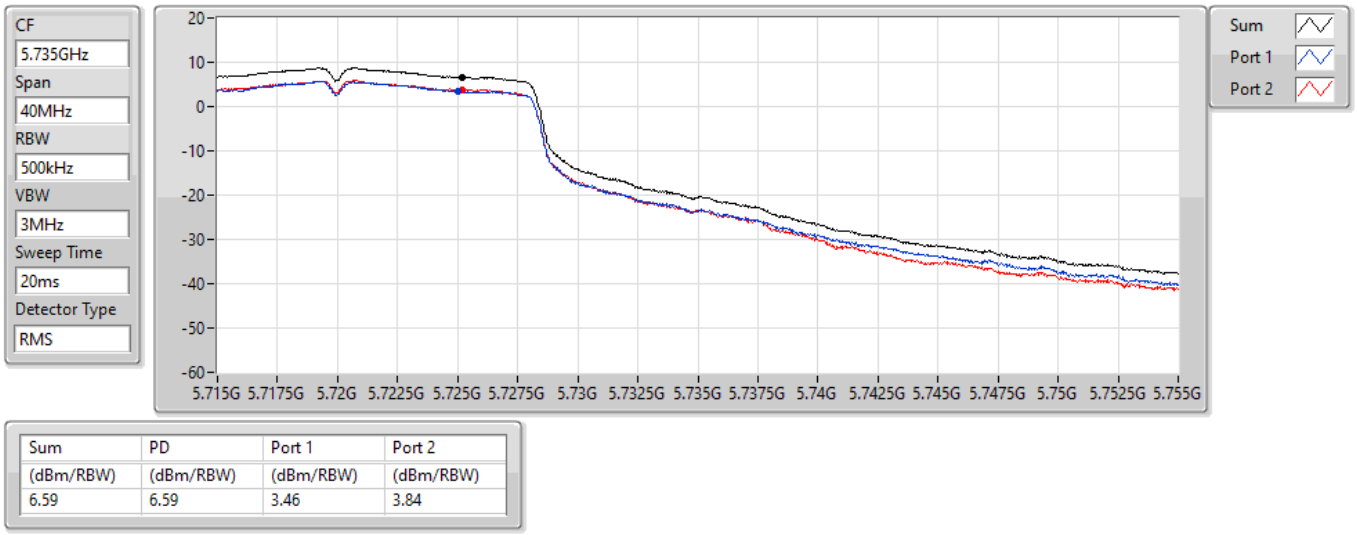


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.97	9.97	6.92	7.07

802.11a_Nss1,(6Mbps)_2TX PSD

5720MHz Straddle 5.725-5.85GHz

29/09/2022

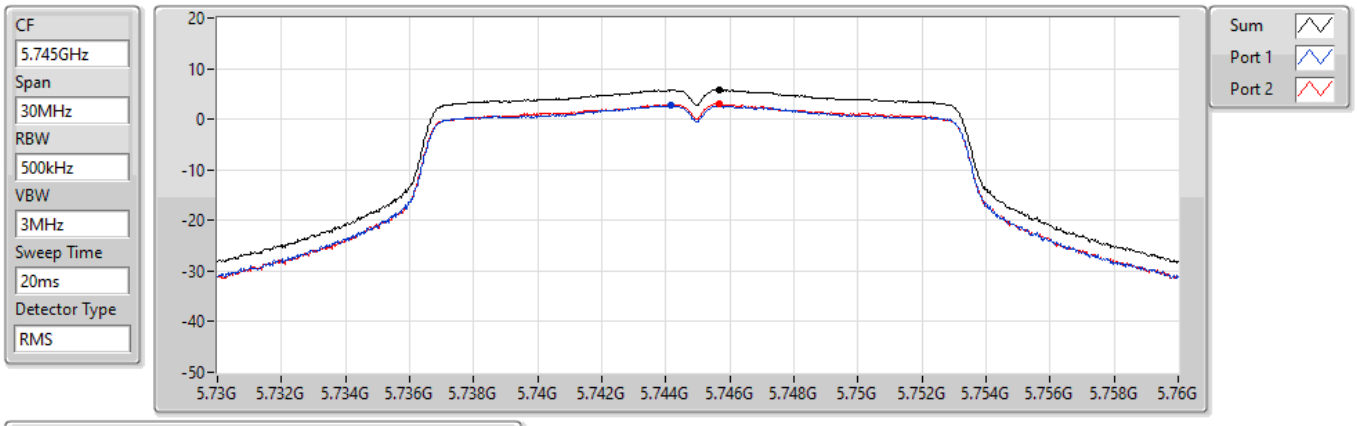


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.59	6.59	3.46	3.84

802.11a_Nss1,(6Mbps)_2TX PSD

5745MHz

29/09/2022

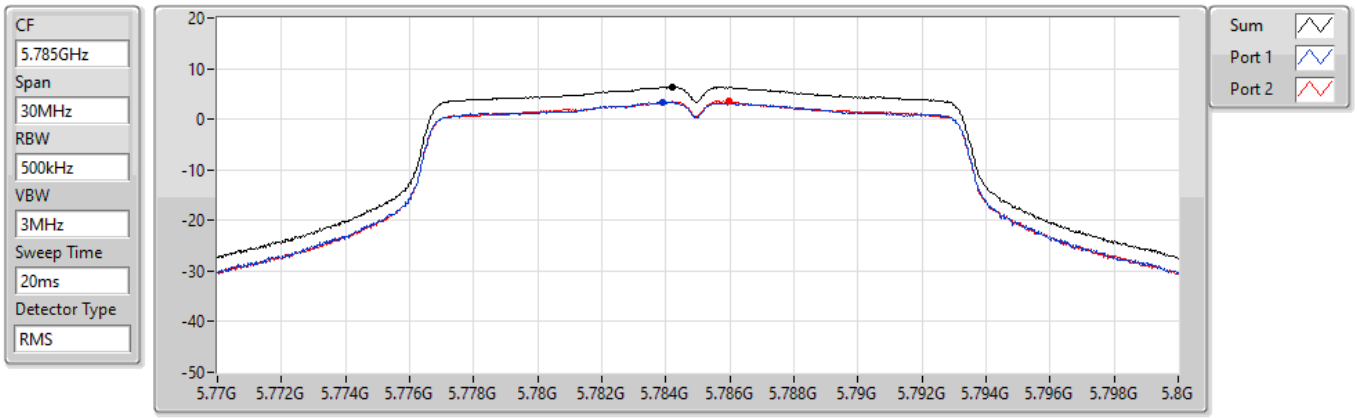


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.81	5.81	2.72	3.04

802.11a_Nss1,(6Mbps)_2TX PSD

5785MHz

29/09/2022

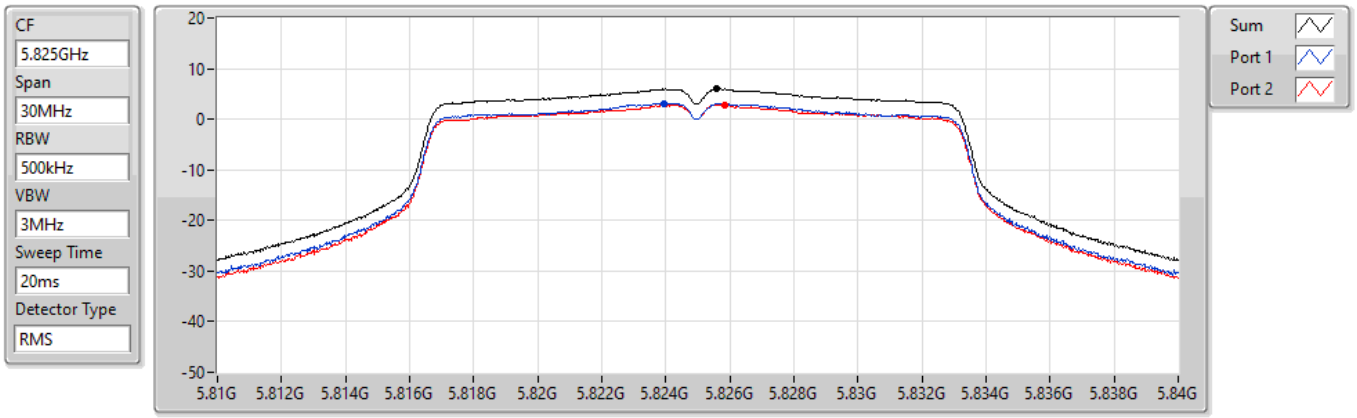


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.37	6.37	3.36	3.55

802.11a_Nss1,(6Mbps)_2TX PSD

5825MHz

29/09/2022

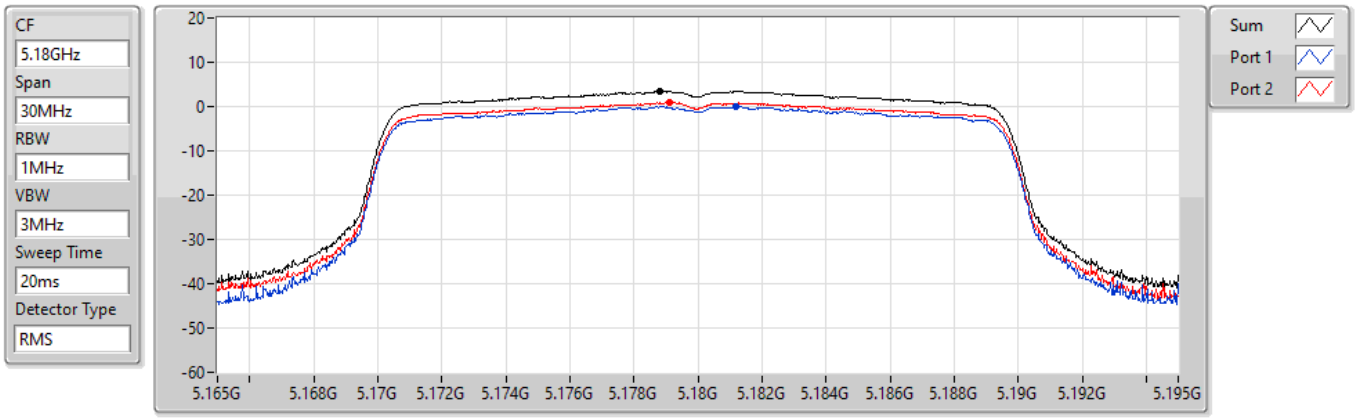


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.98	5.98	3.18	2.90

802.11ax HEW20_Nss1,(MCS0)_2TX PSD

5180MHz

13/09/2022

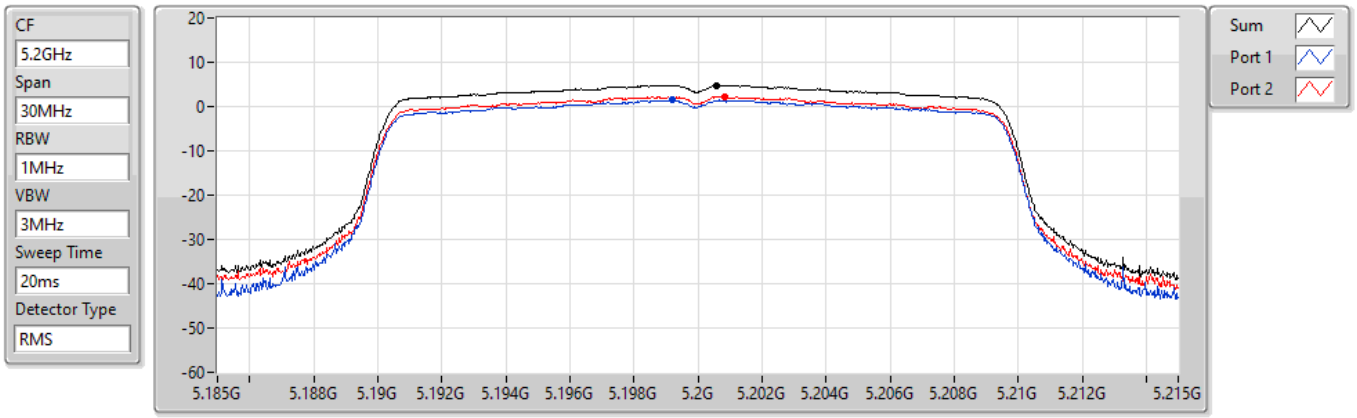


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.46	3.46	0.14	0.90

802.11ax HEW20_Nss1,(MCS0)_2TX PSD

5200MHz

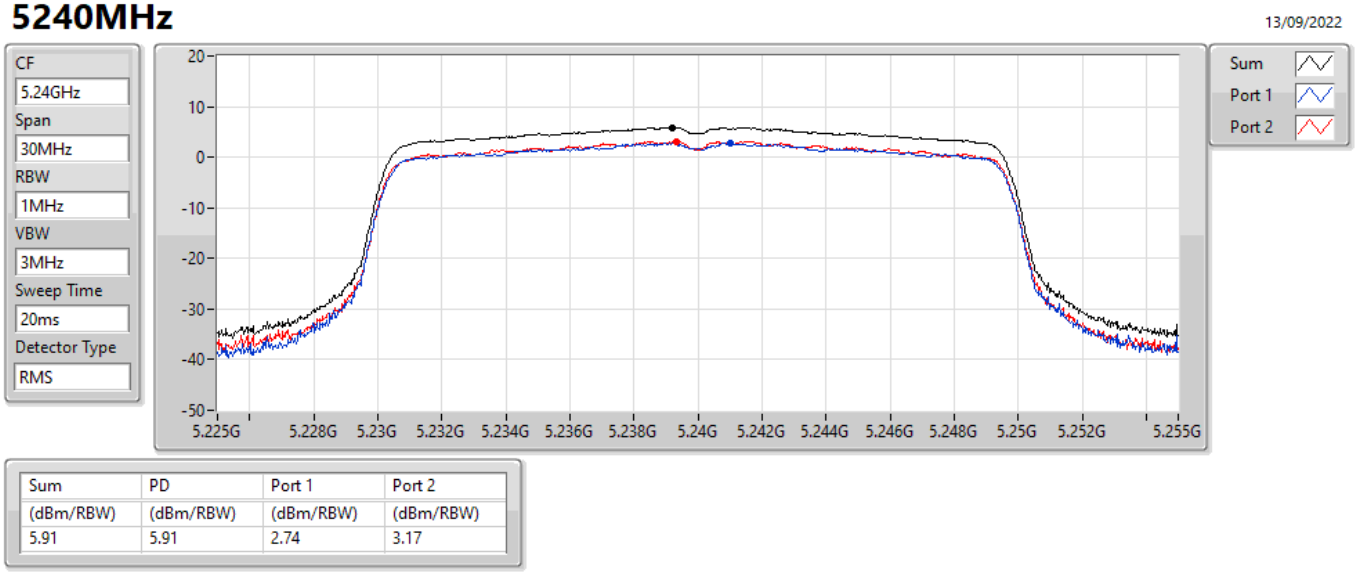
13/09/2022



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.83	4.83	1.51	2.33

802.11ax HEW20_Nss1,(MCS0)_2TX PSD

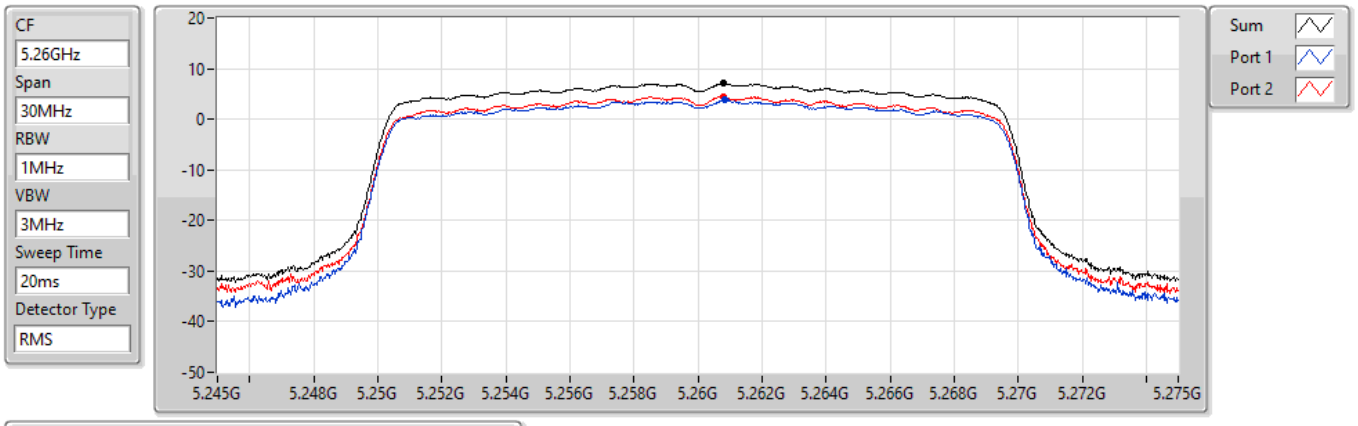
5240MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.91	5.91	2.74	3.17

802.11ax HEW20_Nss1,(MCS0)_2TX PSD

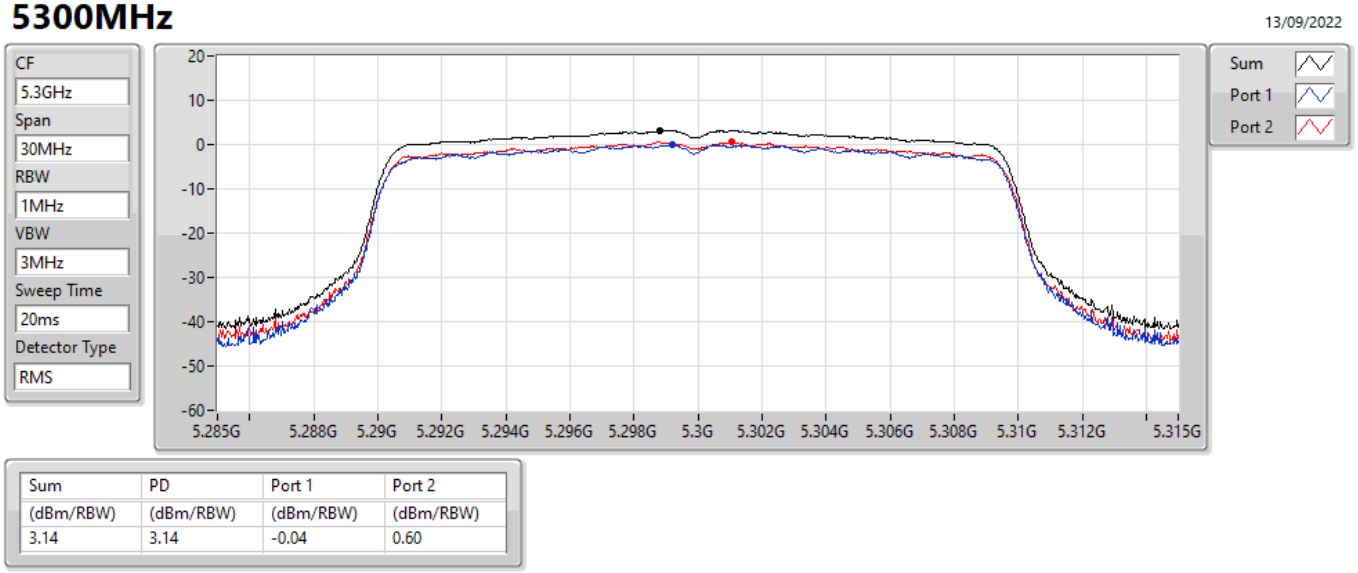
5260MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.10	7.10	3.80	4.44

802.11ax HEW20_Nss1,(MCS0)_2TX PSD

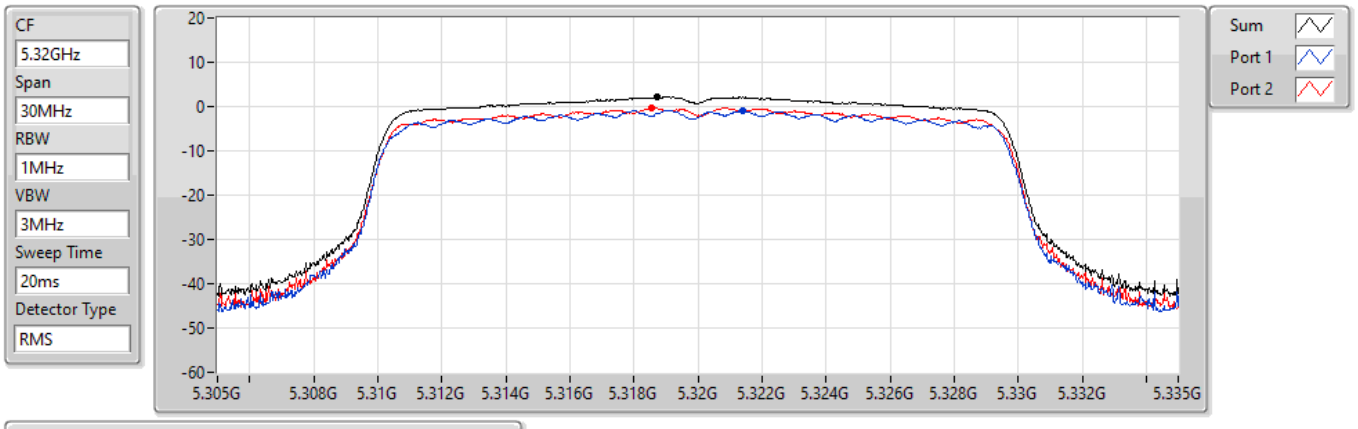
5300MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.14	3.14	-0.04	0.60

802.11ax HEW20_Nss1,(MCS0)_2TX PSD

5320MHz

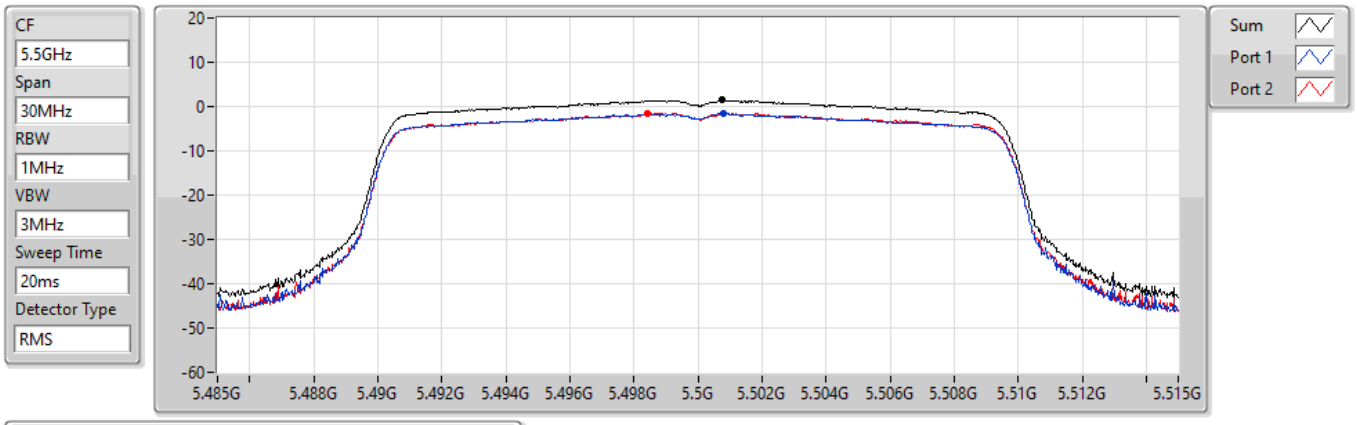


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.14	2.14	-0.80	-0.26

802.11ax HEW20_Nss1,(MCS0)_2TX PSD

5500MHz

13/09/2022

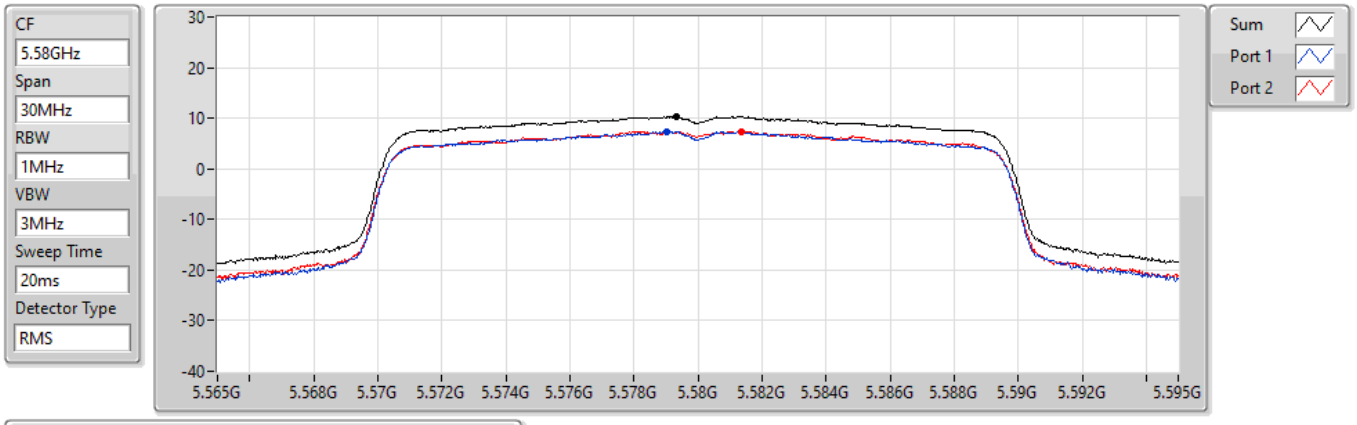


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.44	1.44	-1.51	-1.54

802.11ax HEW20_Nss1,(MCS0)_2TX PSD

5580MHz

14/09/2022

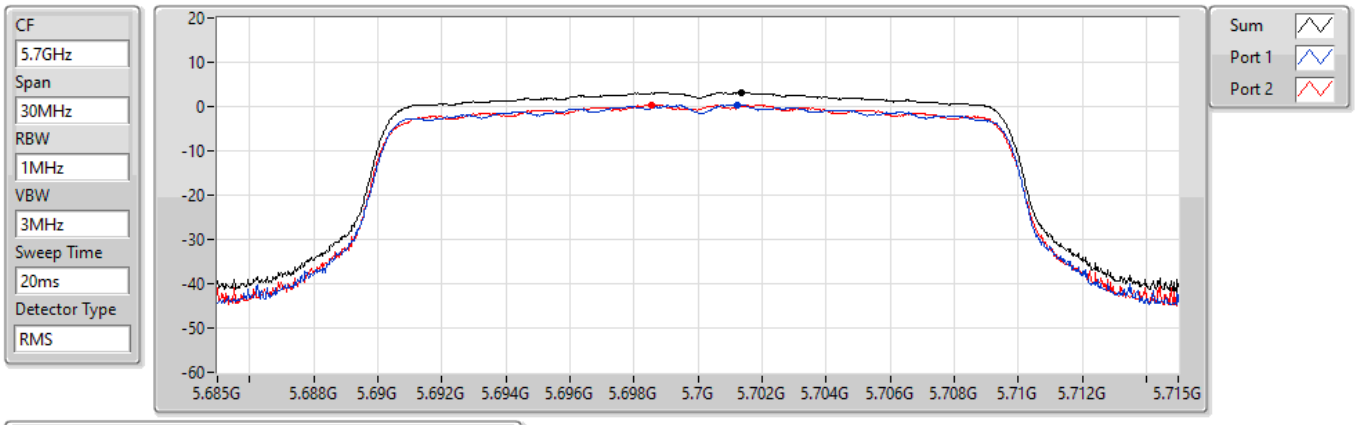


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.27	10.27	7.32	7.43

802.11ax HEW20_Nss1,(MCS0)_2TX PSD

5700MHz

13/09/2022

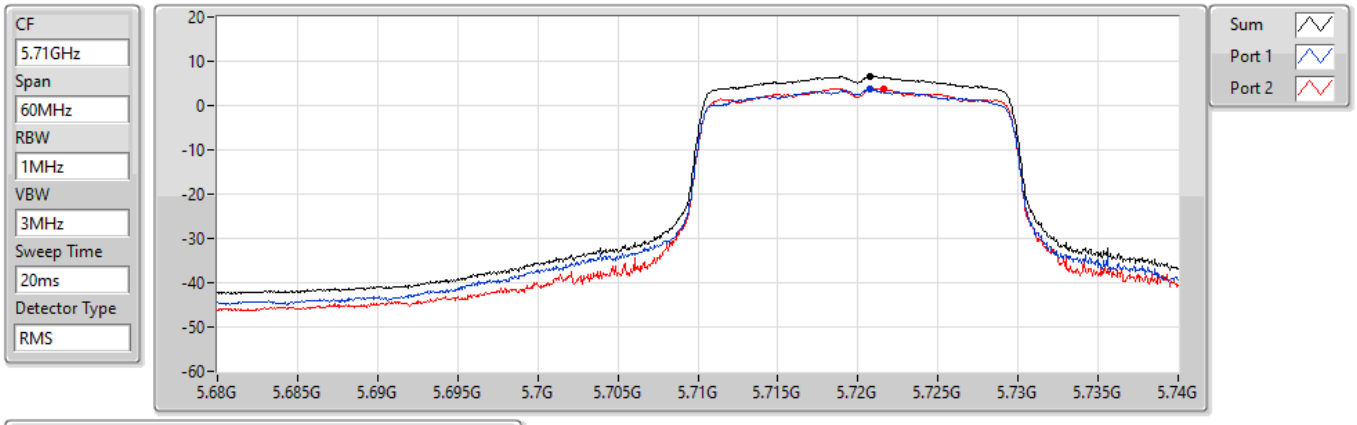


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.19	3.19	0.36	0.36

802.11ax HEW20_Nss1,(MCS0)_2TX PSD

5720MHz Straddle 5.47-5.725GHz

29/09/2022

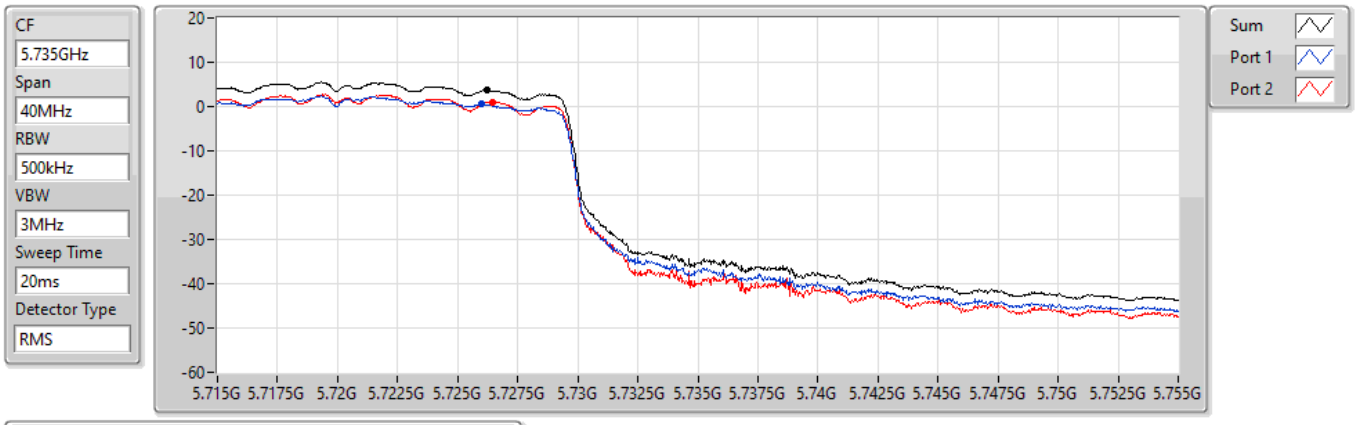


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.65	6.65	3.68	3.88

802.11ax HEW20_Nss1,(MCS0)_2TX PSD

5720MHz Straddle 5.725-5.85GHz

29/09/2022

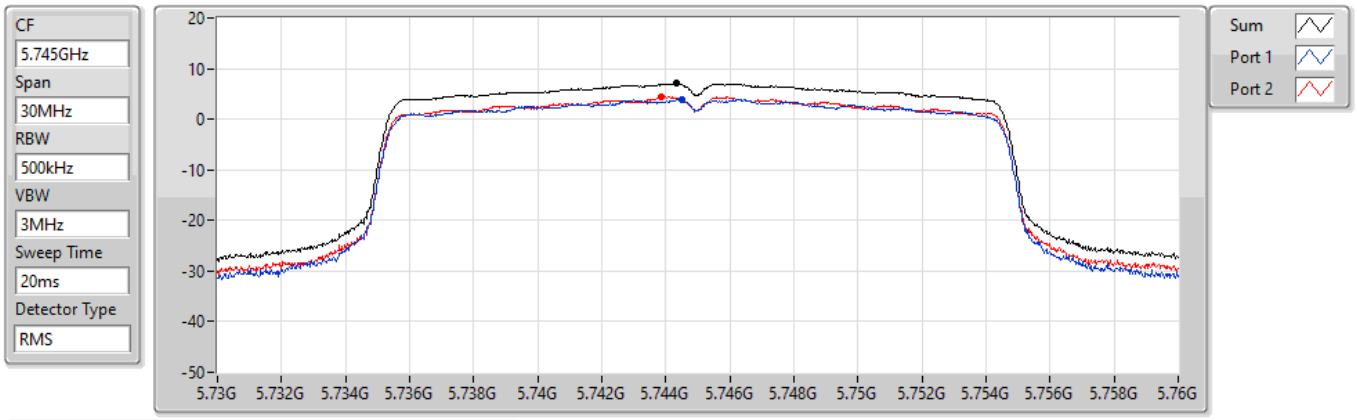


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.67	3.67	0.65	0.97

802.11ax HEW20_Nss1,(MCS0)_2TX PSD

5745MHz

29/09/2022

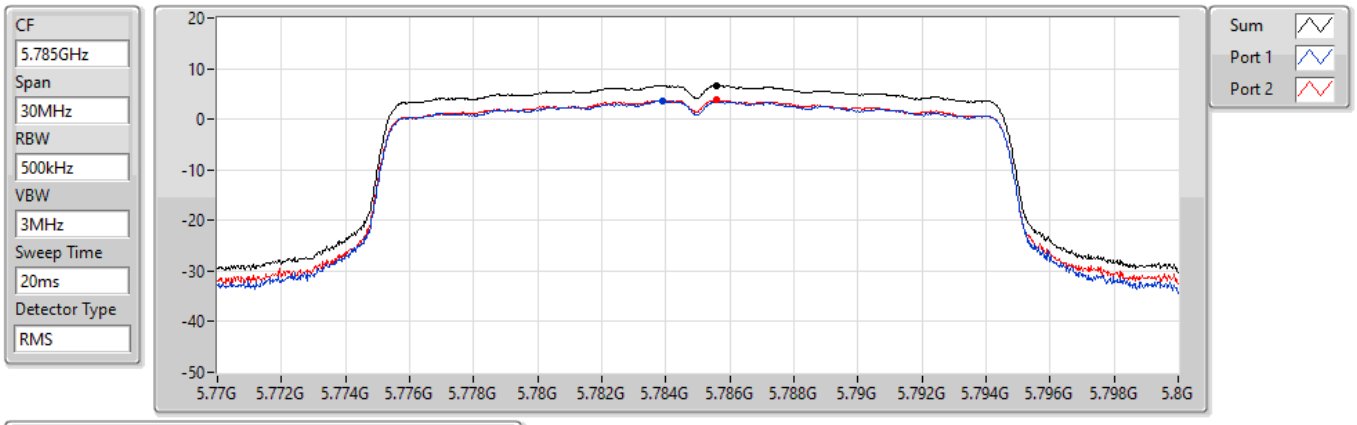


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.06	7.06	3.89	4.42

802.11ax HEW20_Nss1,(MCS0)_2TX PSD

5785MHz

29/09/2022

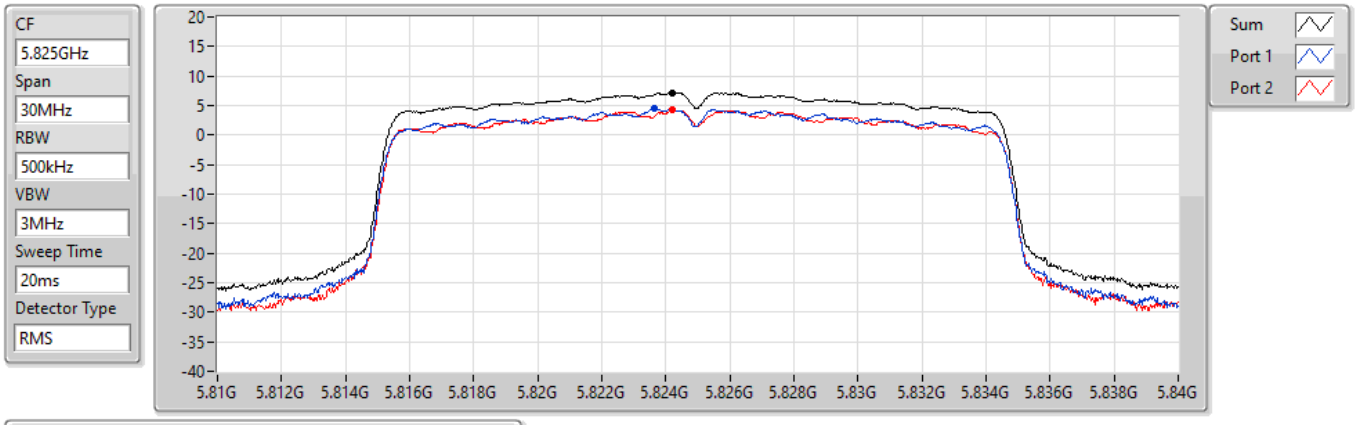


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.73	6.73	3.71	3.90

802.11ax HEW20_Nss1,(MCS0)_2TX PSD

5825MHz

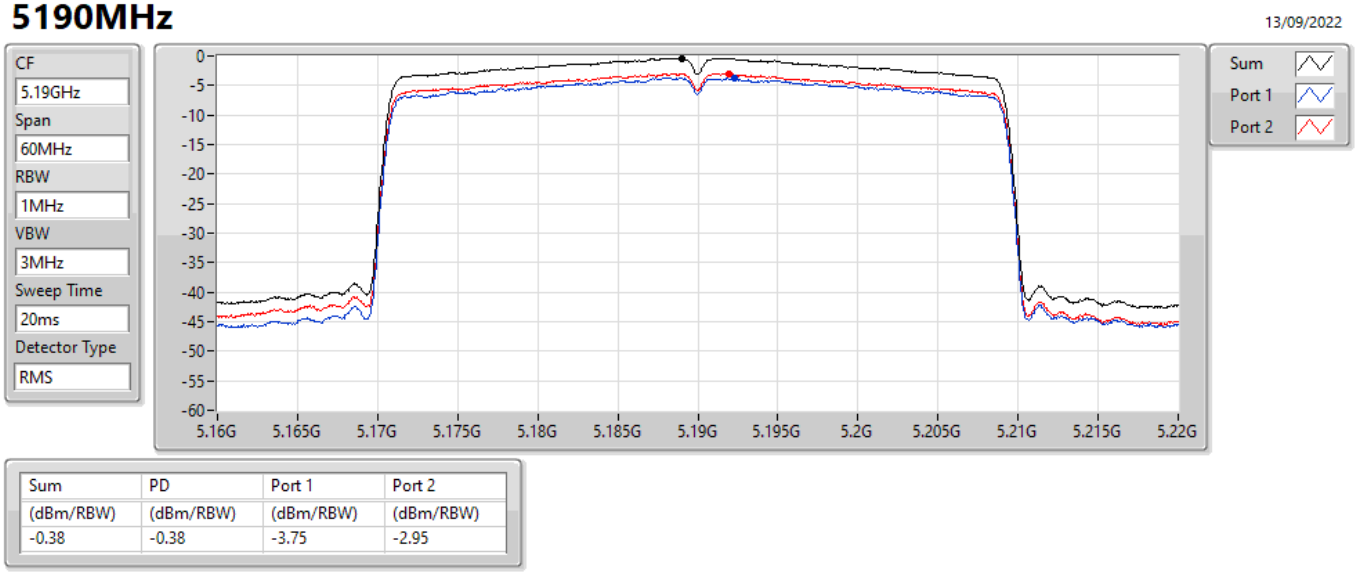
29/09/2022



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.18	7.18	4.52	4.21

802.11ax HEW40_Nss1,(MCS0)_2TX PSD

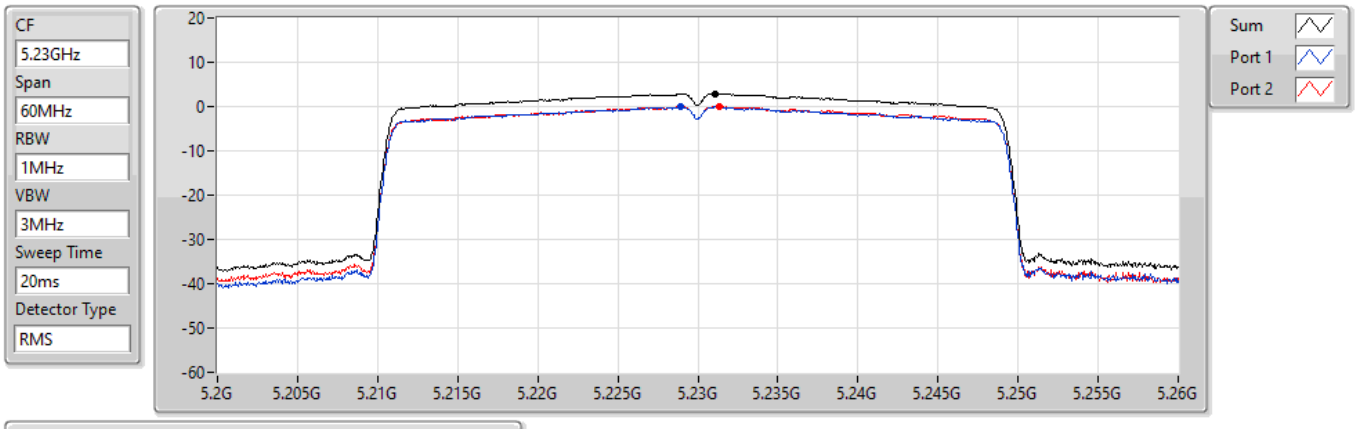
5190MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.38	-0.38	-3.75	-2.95

802.11ax HEW40_Nss1,(MCS0)_2TX PSD

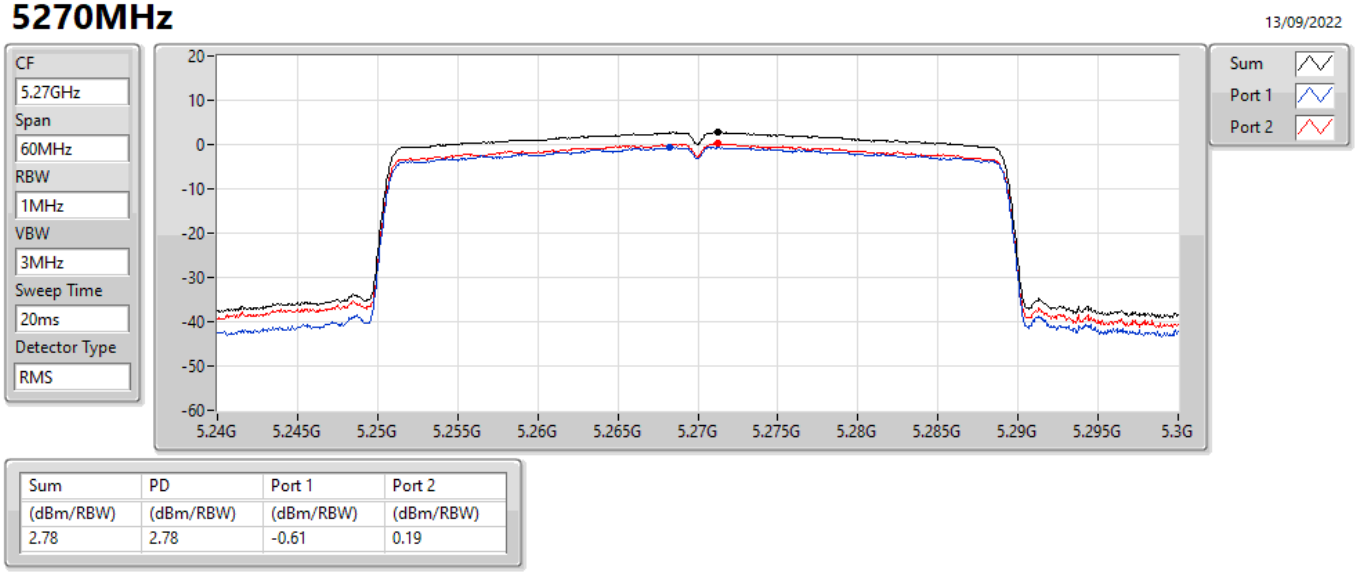
5230MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.92	2.92	-0.08	0.12

802.11ax HEW40_Nss1,(MCS0)_2TX PSD

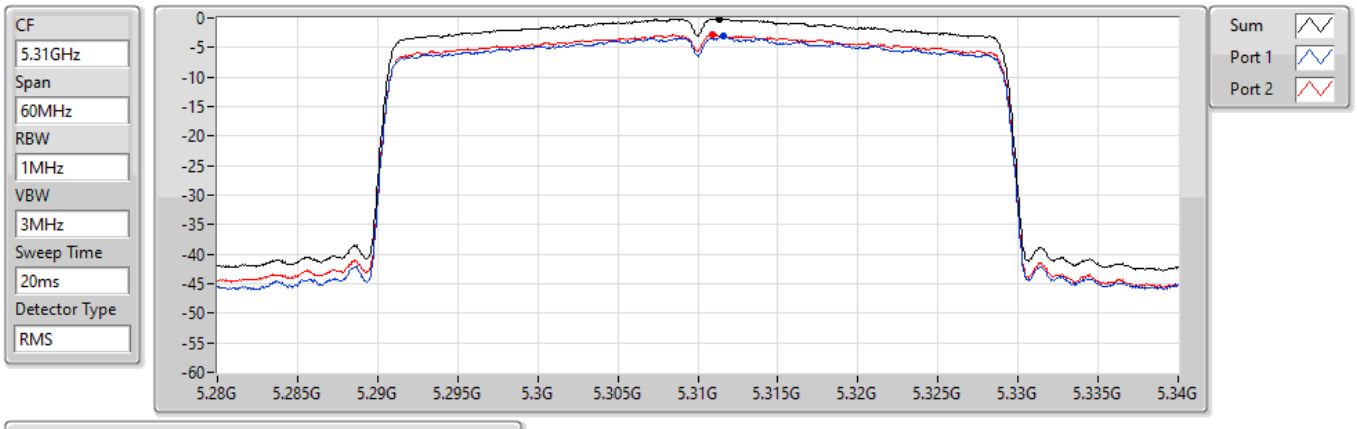
5270MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.78	2.78	-0.61	0.19

802.11ax HEW40_Nss1,(MCS0)_2TX PSD

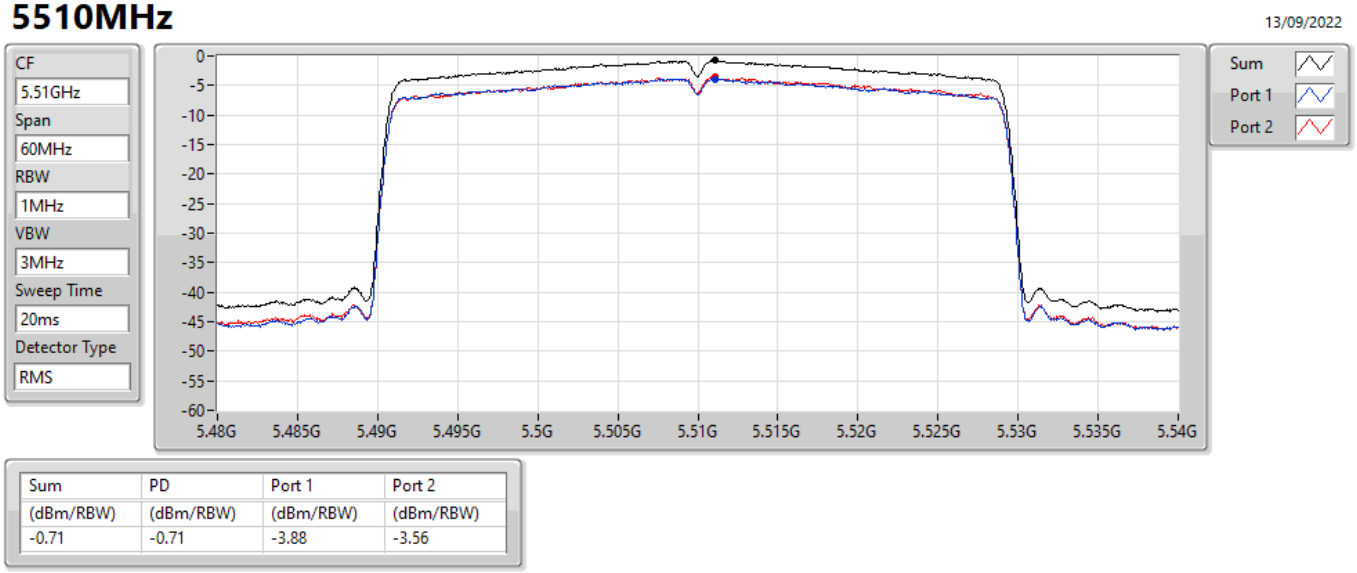
5310MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.12	-0.12	-3.11	-2.84

802.11ax HEW40_Nss1,(MCS0)_2TX PSD

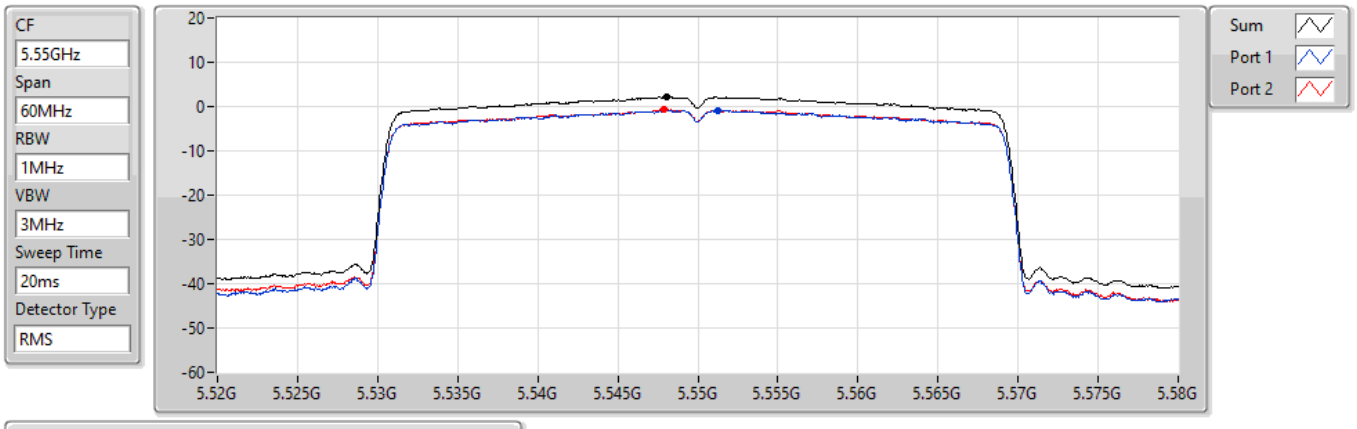
5510MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.71	-0.71	-3.88	-3.56

802.11ax HEW40_Nss1,(MCS0)_2TX PSD

5550MHz



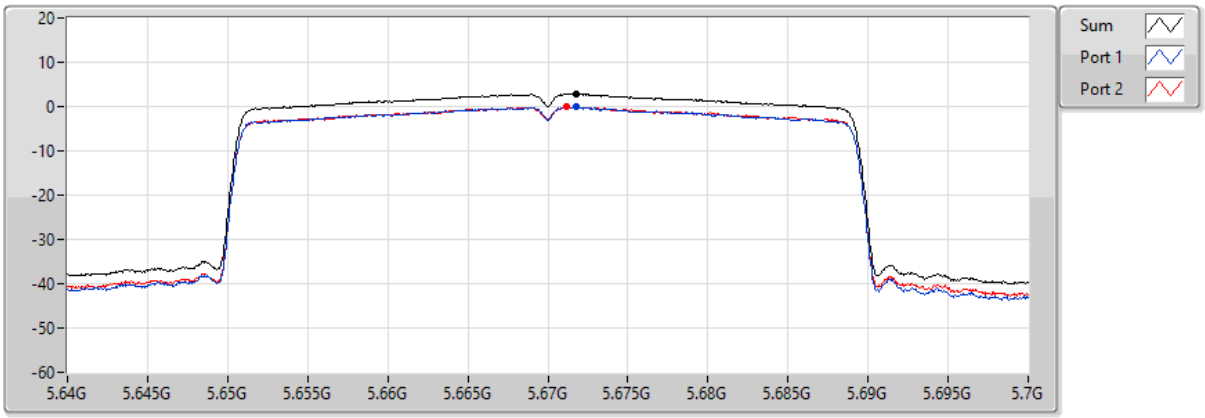
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.18	2.18	-0.88	-0.64

802.11ax HEW40_Nss1,(MCS0)_2TX PSD

5670MHz

13/09/2022

CF	5.67GHz
Span	60MHz
RBW	1MHz
VBW	3MHz
Sweep Time	20ms
Detector Type	RMS



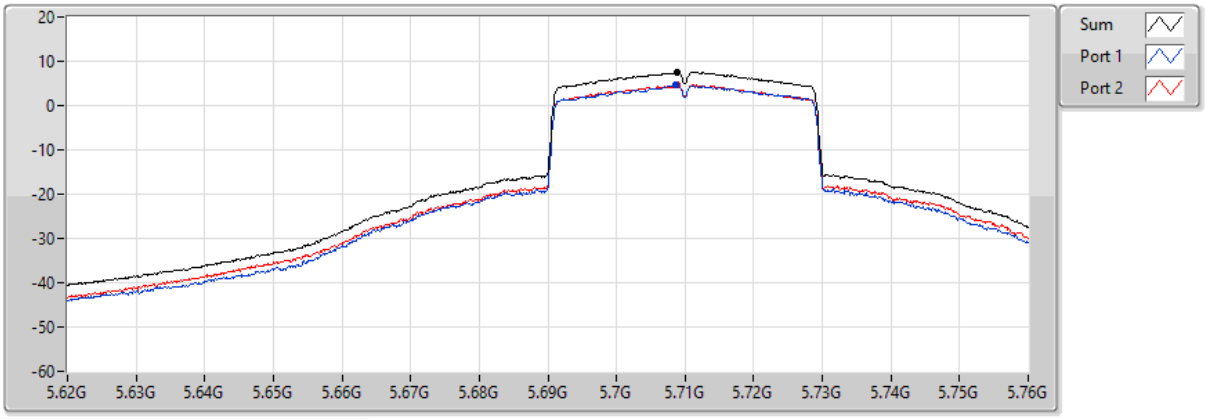
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.81	2.81	-0.08	-0.14

802.11ax HEW40_Nss1,(MCS0)_2TX PSD

5710MHz Straddle 5.47-5.725GHz

29/09/2022

CF	5.69GHz
Span	140MHz
RBW	1MHz
VBW	3MHz
Sweep Time	20ms
Detector Type	RMS

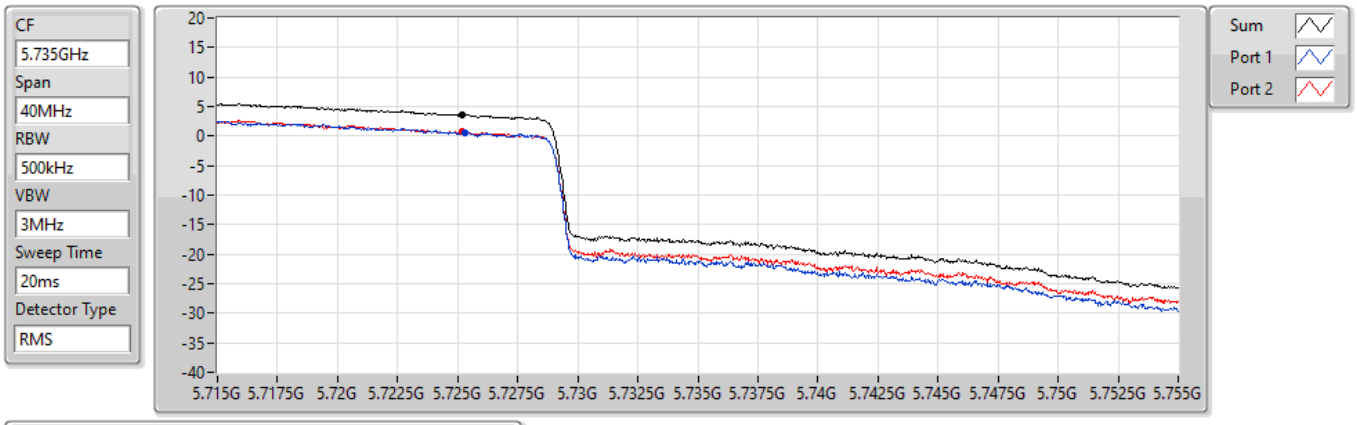


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.53	7.53	4.54	4.60

802.11ax HEW40_Nss1,(MCS0)_2TX PSD

5710MHz Straddle 5.725-5.85GHz

29/09/2022

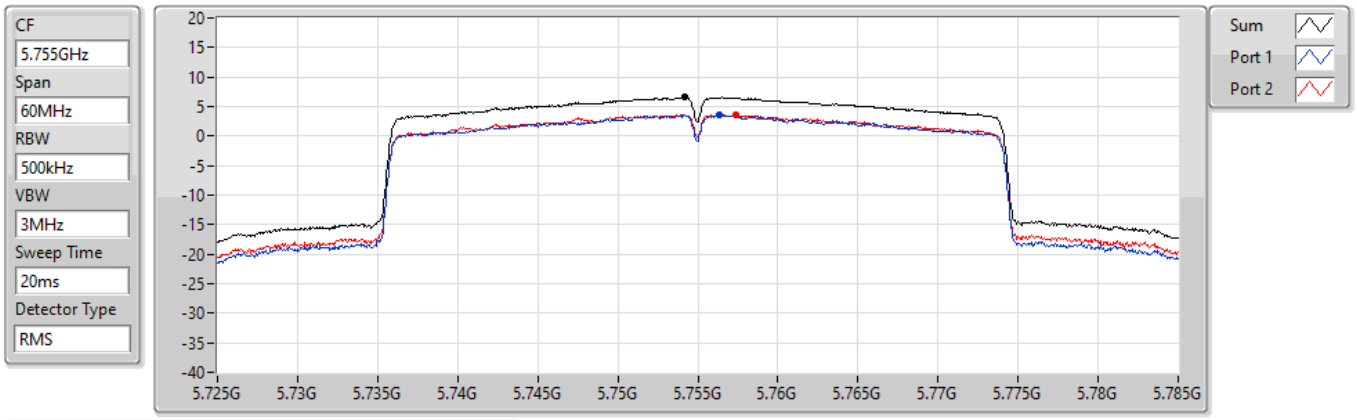


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.66	3.66	0.62	0.78

802.11ax HEW40_Nss1,(MCS0)_2TX PSD

5755MHz

29/09/2022

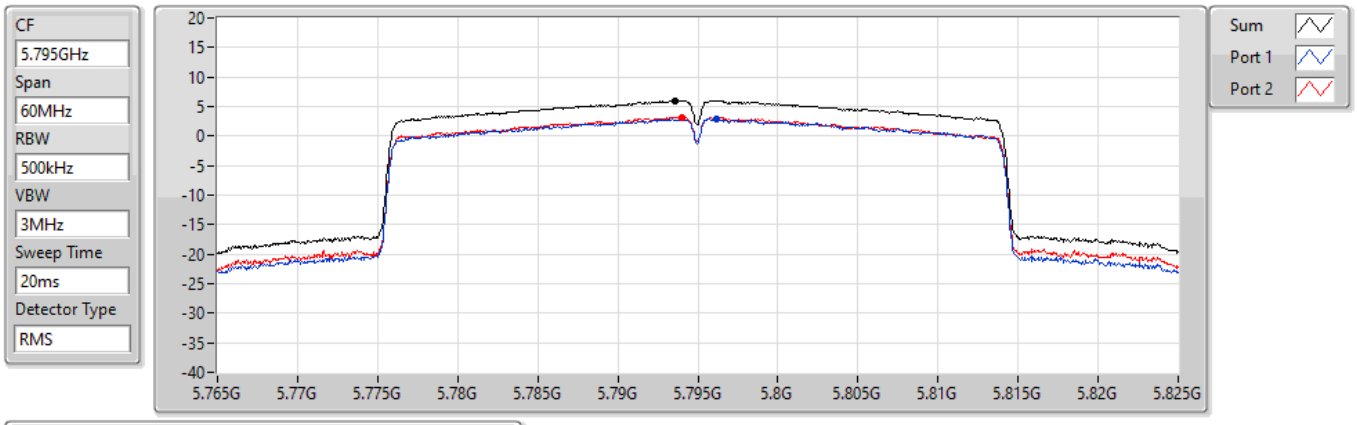


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.59	6.59	3.60	3.70

802.11ax HEW40_Nss1,(MCS0)_2TX PSD

5795MHz

29/09/2022

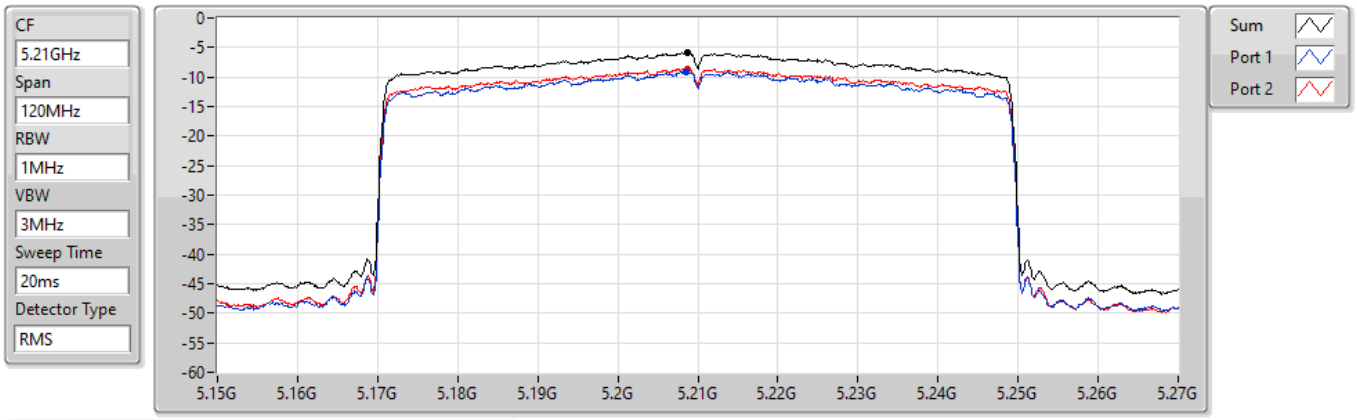


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.99	5.99	2.91	3.24

802.11ax HEW80_Nss1,(MCS0)_2TX PSD

5210MHz

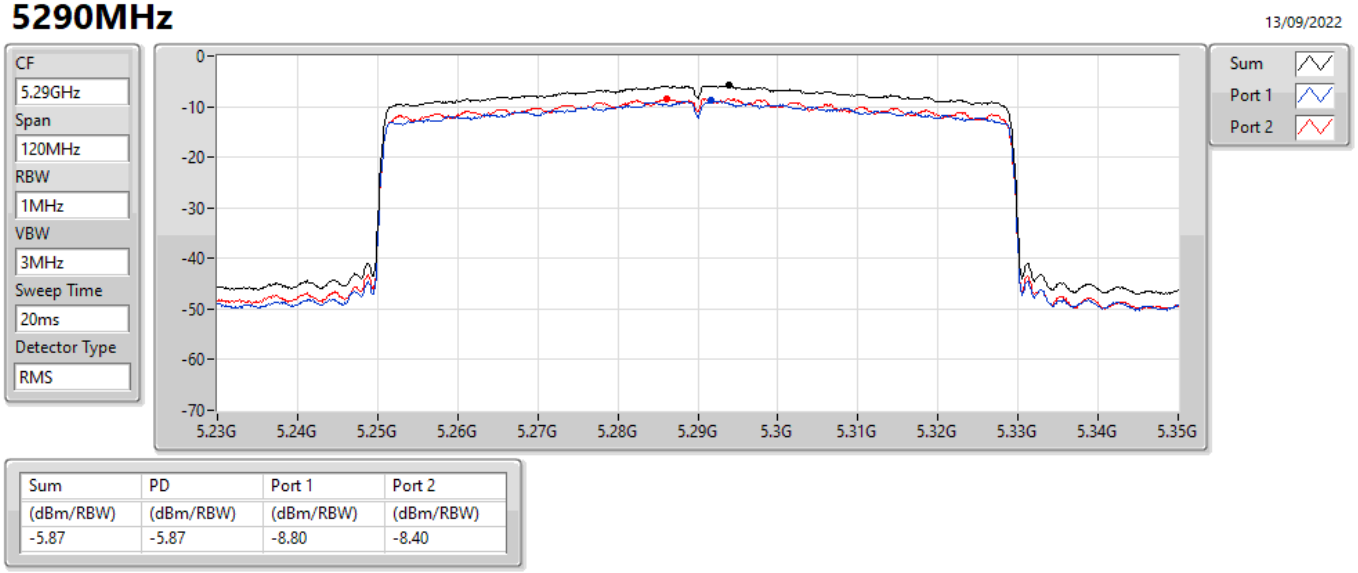
13/09/2022



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.85	-5.85	-9.13	-8.60

802.11ax HEW80_Nss1,(MCS0)_2TX PSD

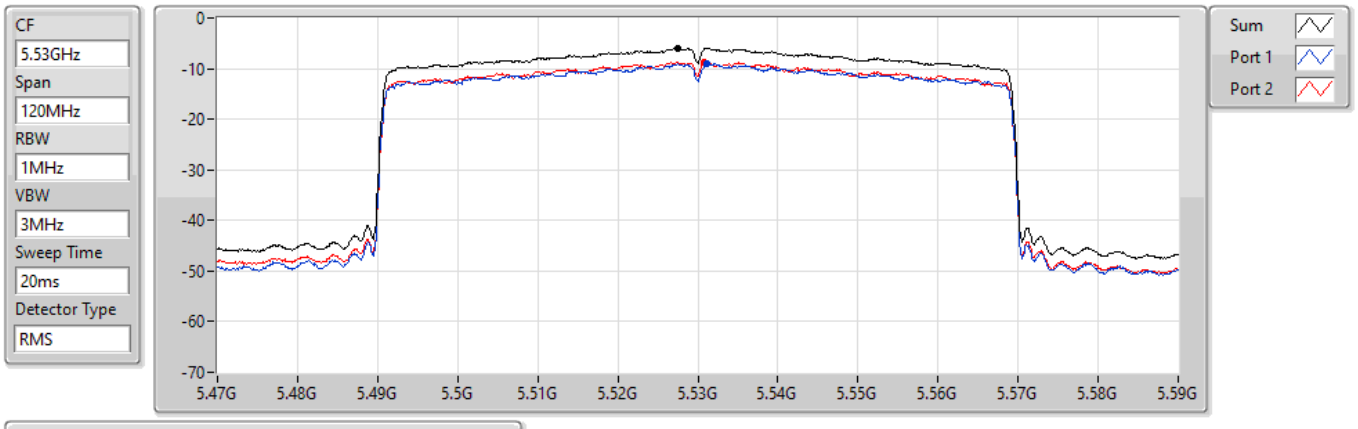
5290MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.87	-5.87	-8.80	-8.40

802.11ax HEW80_Nss1,(MCS0)_2TX PSD

5530MHz

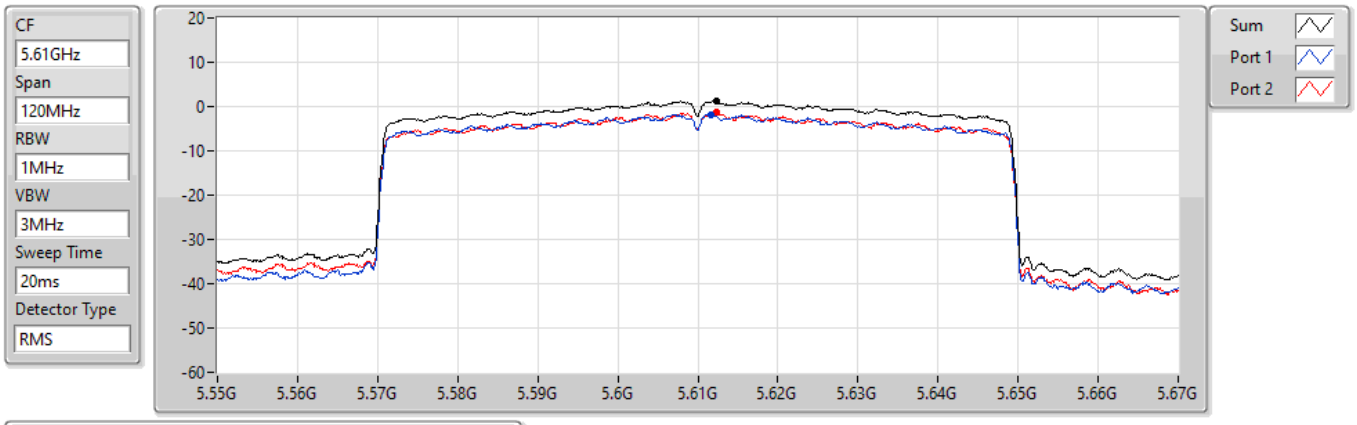


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.97	-5.97	-9.07	-8.76

802.11ax HEW80_Nss1,(MCS0)_2TX PSD

5610MHz

13/09/2022

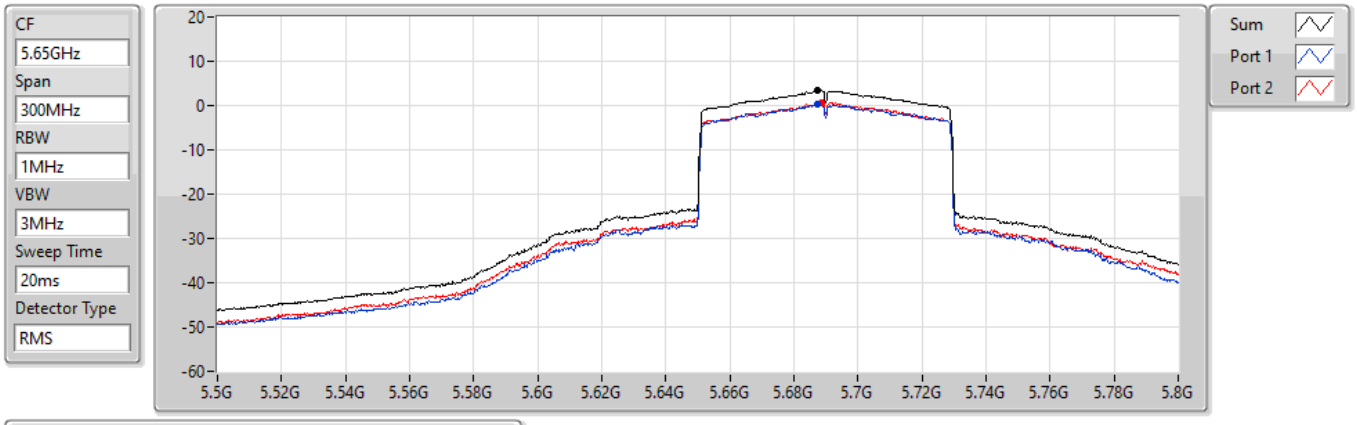


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.27	1.27	-1.75	-1.32

802.11ax HEW80_Nss1,(MCS0)_2TX PSD

5690MHz Straddle 5.47-5.725GHz

29/09/2022

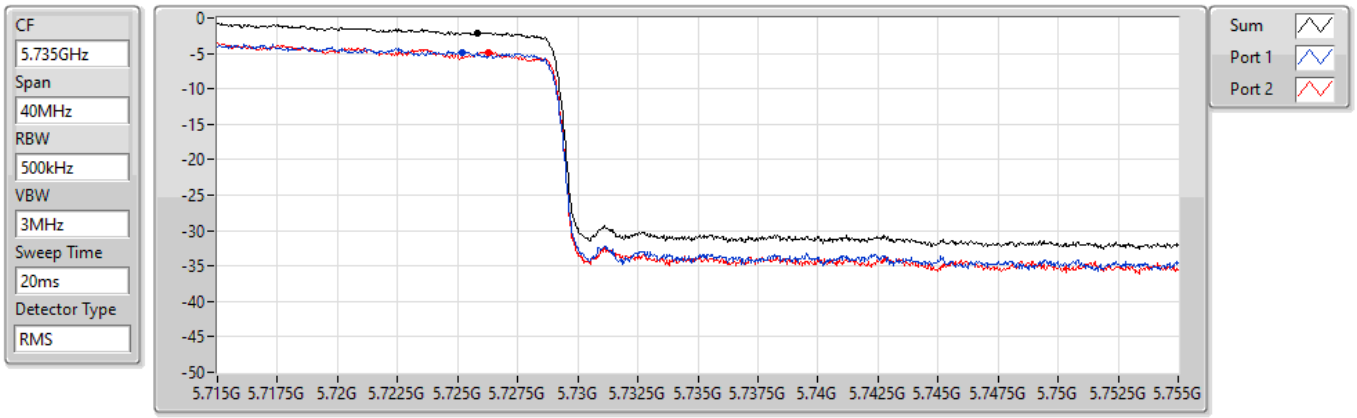


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.47	3.47	0.30	0.69

802.11ax HEW80_Nss1,(MCS0)_2TX PSD

5690MHz Straddle 5.725-5.85GHz

13/09/2022

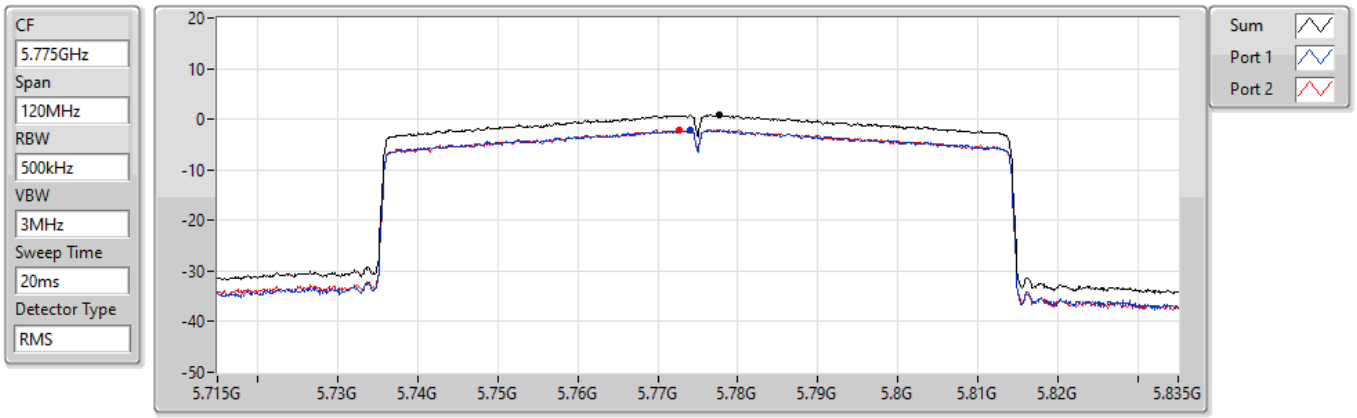


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.08	-2.08	-4.79	-4.81

802.11ax HEW80_Nss1,(MCS0)_2TX PSD

5775MHz

13/09/2022

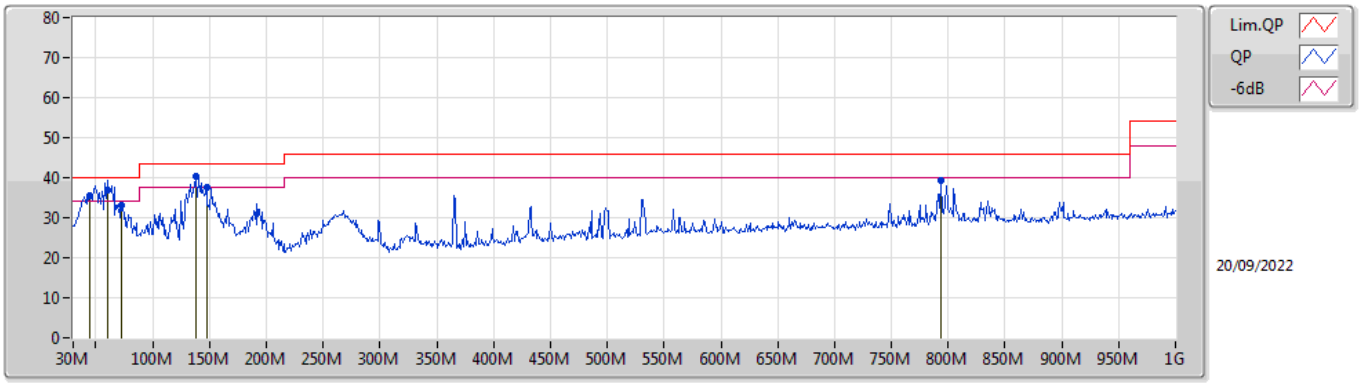


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.86	0.86	-2.07	-2.09

Summary

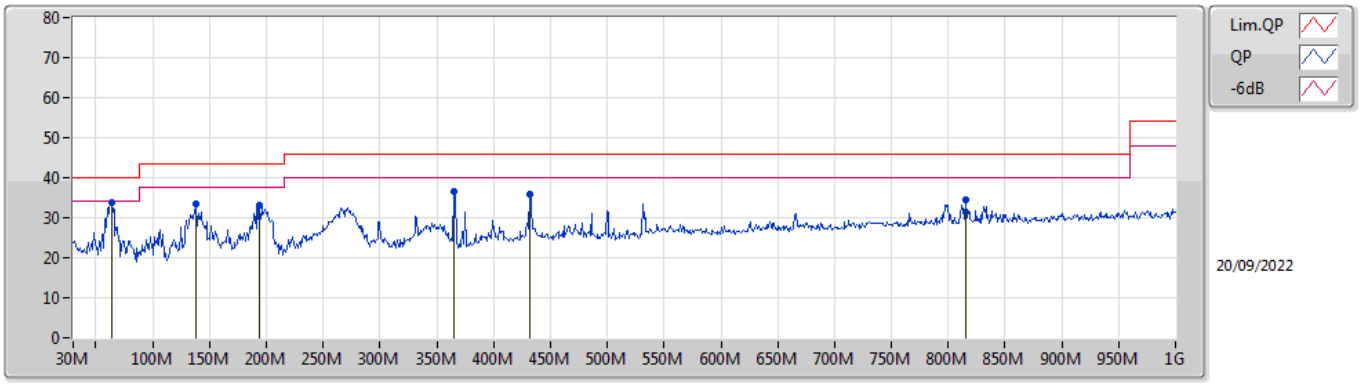
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 6	Pass	QP	60.07M	36.97	40.00	-3.03	Vertical

Mode 6



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)		(dBuV/m)	(dB/m)	(dB)	(dB)
PK	44.55M	35.61	40.00	-4.39	-14.61	3	Vertical	262	1.00	-	50.22	16.22	0.99	31.82
QP	60.07M	36.97	40.00	-3.03	-18.46	3	Vertical	271	1.00	"Worst"	55.43	12.26	1.20	31.92
PK	72.68M	33.21	40.00	-6.79	-18.50	3	Vertical	97	2.00	-	51.71	12.17	1.30	31.97
PK	138.64M	40.23	43.50	-3.27	-13.20	3	Vertical	121	1.00	-	53.43	17.03	1.79	32.02
PK	147.37M	37.75	43.50	-5.75	-13.77	3	Vertical	191	1.00	-	51.52	16.37	1.87	32.01
PK	793.39M	39.18	46.00	-6.82	-2.09	3	Vertical	70	1.25	-	41.27	25.56	4.87	32.52

Mode 6



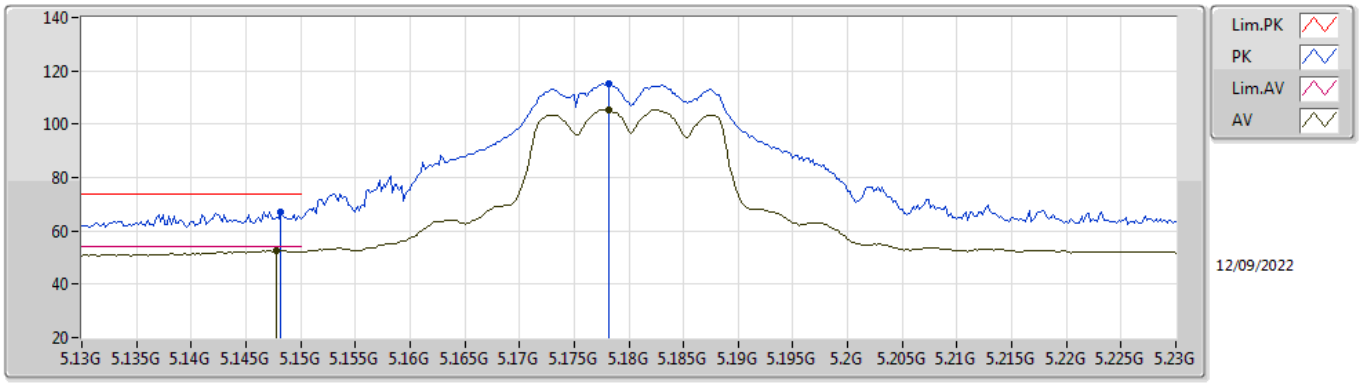
Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)		(dBuV/m)	(dB/m)	(dB)	(dB)
PK	63.95M	33.71	40.00	-6.29	-18.51	3	Horizontal	203	3.00	"Worst"	52.22	12.22	1.20	31.93
PK	138.64M	33.35	43.50	-10.15	-13.20	3	Horizontal	252	2.00	-	46.55	17.03	1.79	32.02
PK	193.93M	33.01	43.50	-10.49	-14.95	3	Horizontal	95	2.00	-	47.96	14.89	2.17	32.01
PK	364.65M	36.55	46.00	-9.45	-8.40	3	Horizontal	353	1.25	-	44.95	20.71	3.06	32.17
PK	431.58M	35.90	46.00	-10.10	-6.56	3	Horizontal	242	1.00	-	42.46	22.27	3.39	32.22
PK	815.7M	34.34	46.00	-11.66	-2.03	3	Horizontal	324	1.25	-	36.37	25.51	4.96	32.50

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.47-5.725GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_2TX	Pass	PK	17.1633G	67.18	68.20	-1.02	3	Horizontal	49	1.48	-

802.11a_Nss1,(6Mbps)_2TX

5180MHz_TnomVnom

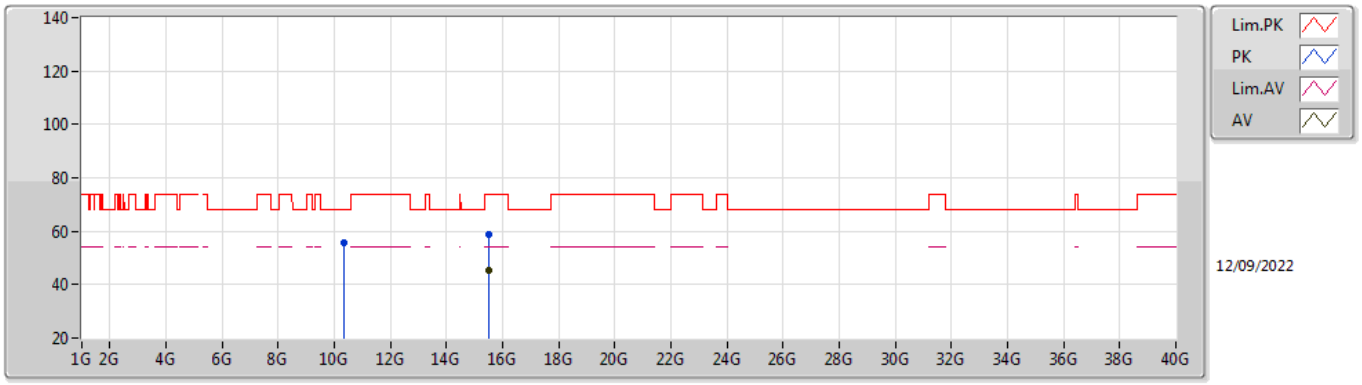


EUT Y_2TX
Setting 14.5
02-F-C-6-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1482G	67.32	74.00	-6.68	59.20	3	Vertical	330	1.80	-	33.60	5.25	30.73
AV	5.1478G	52.59	54.00	-1.41	44.47	3	Vertical	330	1.80	-	33.60	5.25	30.73
PK	5.1782G	115.07	Inf	-Inf	106.86	3	Vertical	330	1.80	-	33.66	5.28	30.73
AV	5.1782G	105.56	Inf	-Inf	97.35	3	Vertical	330	1.80	-	33.66	5.28	30.73

802.11a_Nss1,(6Mbps)_2TX

5180MHz_TnomVnom

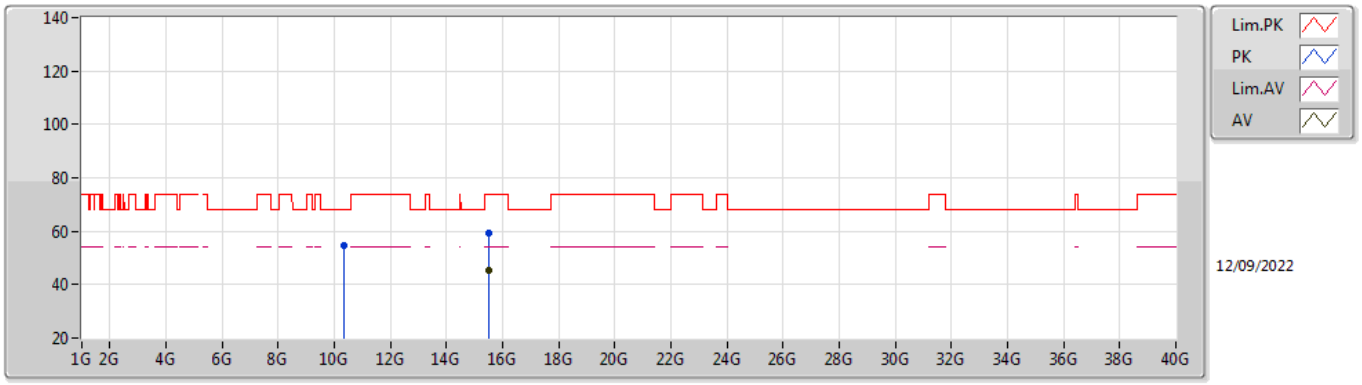


EUT Y_2TX
Setting 14.5
02-F-C-6

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.35526G	55.70	68.20	-12.50	41.45	3	Vertical	30	2.05	-	38.64	7.44	31.83
PK	15.52524G	58.84	74.00	-15.16	42.44	3	Vertical	163	1.03	-	37.95	9.79	31.34
AV	15.52596G	45.51	54.00	-8.49	29.12	3	Vertical	163	1.03	-	37.94	9.79	31.34

802.11a_Nss1,(6Mbps)_2TX

5180MHz_TnomVnom

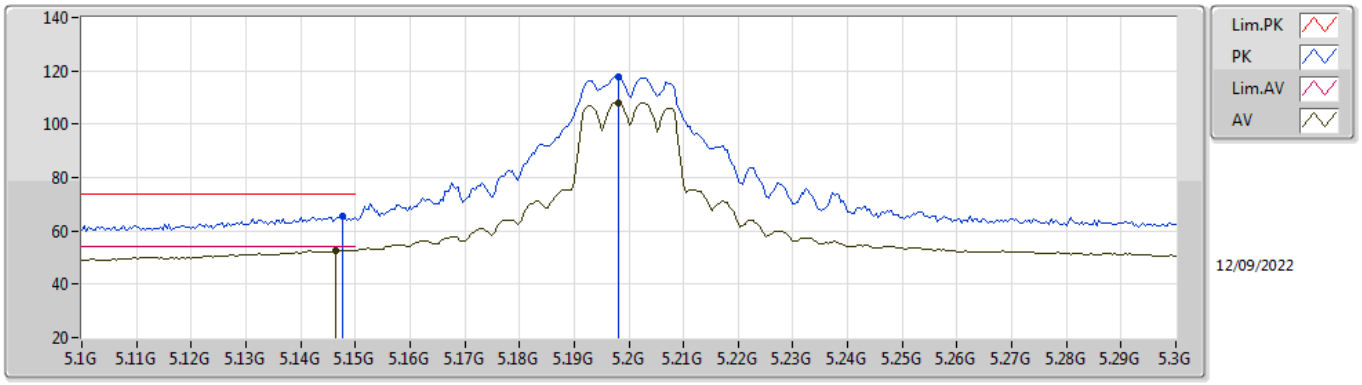


EUT Y_2TX
Setting 14.5
02-F-C-6

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.35442G	54.58	68.20	-13.62	40.32	3	Horizontal	297	1.49	-	38.65	7.44	31.83
PK	15.525G	59.18	74.00	-14.82	42.78	3	Horizontal	268	1.24	-	37.95	9.79	31.34
AV	15.52902G	45.38	54.00	-8.62	29.01	3	Horizontal	268	1.24	-	37.93	9.79	31.35

802.11a_Nss1,(6Mbps)_2TX

5200MHz_TnomVnom

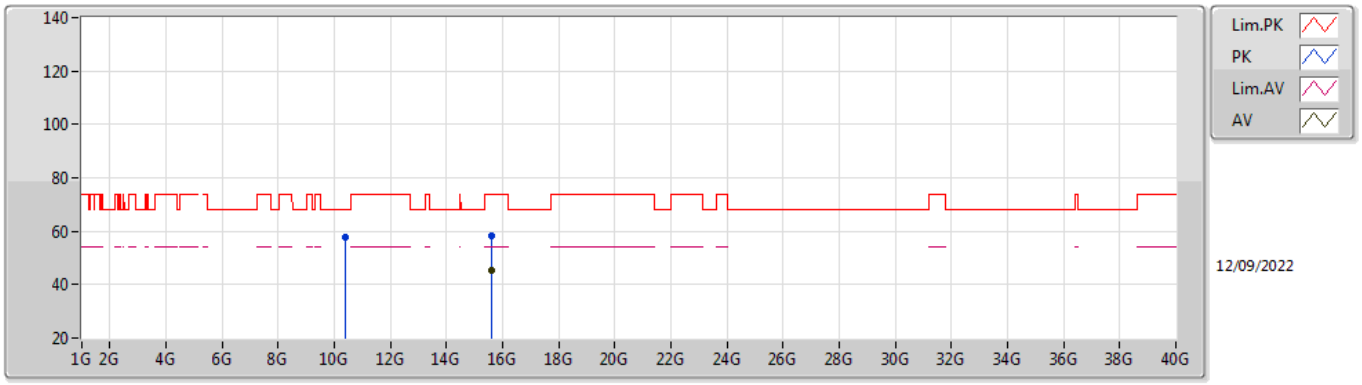


EUT Y_2TX
Setting 17.5
02-F-C-6-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1476G	65.38	74.00	-8.62	57.26	3	Vertical	329	1.80	-	33.60	5.25	30.73
AV	5.1464G	52.62	54.00	-1.38	44.51	3	Vertical	329	1.80	-	33.59	5.25	30.73
PK	5.198G	117.96	Inf	-Inf	109.69	3	Vertical	329	1.80	-	33.70	5.30	30.73
AV	5.198G	108.13	Inf	-Inf	99.86	3	Vertical	329	1.80	-	33.70	5.30	30.73

802.11a_Nss1,(6Mbps)_2TX

5200MHz_TnomVnom

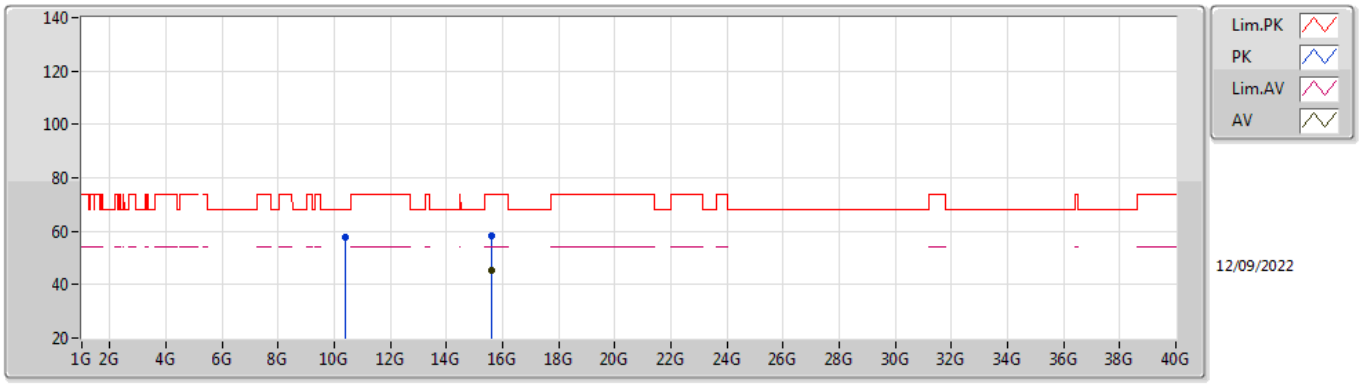


EUT Y_2TX
Setting 17.5
02-F-C-6

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.4057G	57.79	68.20	-10.41	43.56	3	Vertical	26	1.80	-	38.60	7.46	31.83
PK	15.60138G	58.42	74.00	-15.58	42.48	3	Vertical	166	1.59	-	37.50	9.82	31.38
AV	15.60684G	45.25	54.00	-8.75	29.32	3	Vertical	166	1.59	-	37.50	9.82	31.39

802.11a_Nss1,(6Mbps)_2TX

5200MHz_TnomVnom

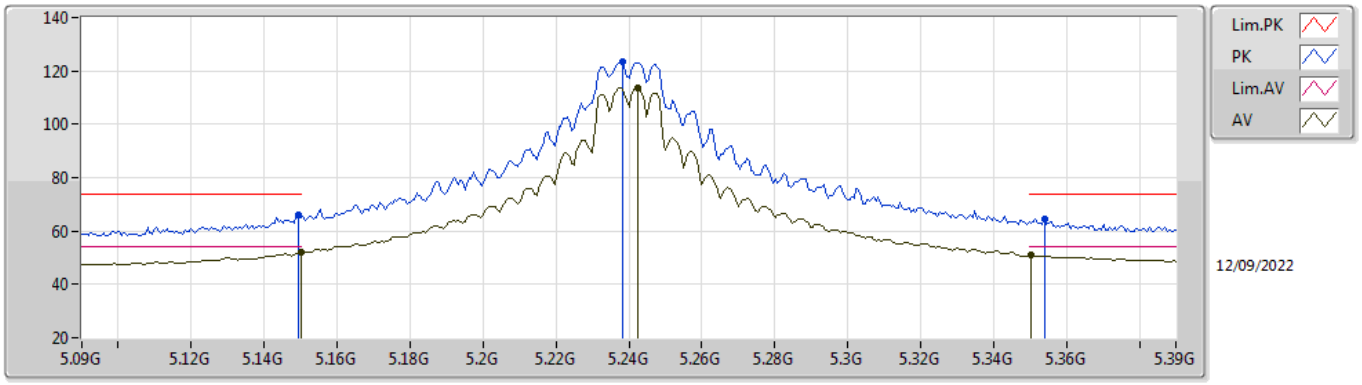


EUT Y_2TX
Setting 17.5
02-F-C-6

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.3955G	57.59	68.20	-10.61	43.36	3	Horizontal	322	1.96	-	38.60	7.46	31.83
PK	15.59802G	58.50	74.00	-15.50	42.55	3	Horizontal	119	2.07	-	37.51	9.82	31.38
AV	15.59676G	45.46	54.00	-8.54	29.50	3	Horizontal	119	2.07	-	37.52	9.82	31.38

802.11a_Nss1,(6Mbps)_2TX

5240MHz_TnomVnom

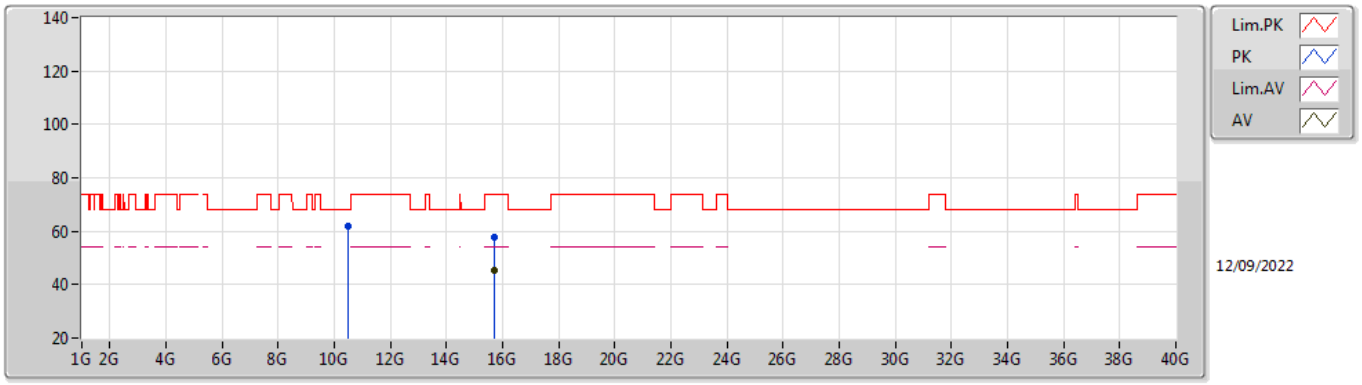


EUT Y_2TX
Setting 23.5
02-F-C-6-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1494G	65.79	74.00	-8.21	57.67	3	Vertical	326	1.87	-	33.60	5.25	30.73
AV	5.15G	51.93	54.00	-2.07	43.81	3	Vertical	326	1.87	-	33.60	5.25	30.73
PK	5.2382G	123.45	Inf	-Inf	115.16	3	Vertical	326	1.87	-	33.70	5.32	30.73
AV	5.2424G	113.57	Inf	-Inf	105.28	3	Vertical	326	1.87	-	33.70	5.32	30.73
PK	5.354G	64.46	74.00	-9.54	55.89	3	Vertical	326	1.87	-	33.91	5.38	30.72
AV	5.3504G	51.15	54.00	-2.85	42.59	3	Vertical	326	1.87	-	33.90	5.38	30.72

802.11a_Nss1,(6Mbps)_2TX

5240MHz_TnomVnom

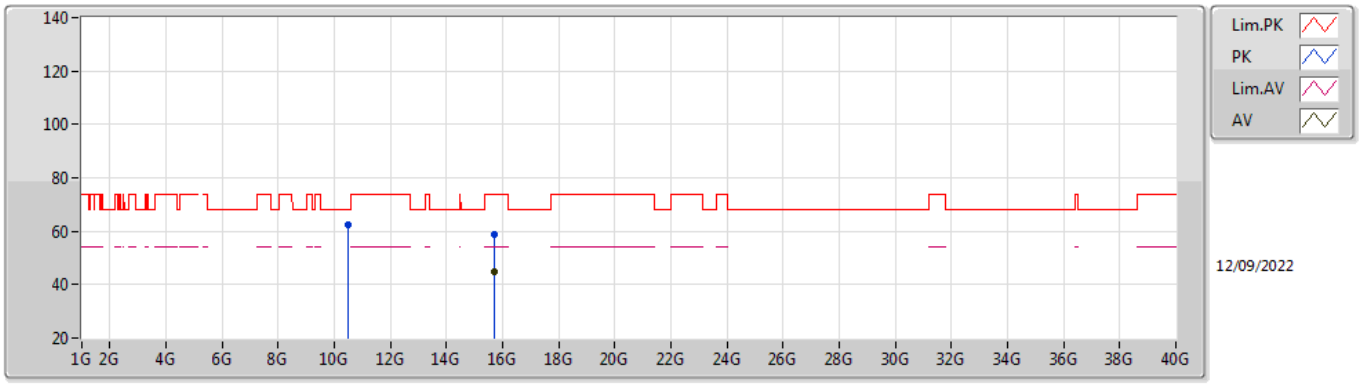


EUT Y_2TX
Setting 23.5
02-F-C-6

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.47826G	61.67	68.20	-6.53	47.43	3	Vertical	17	1.74	-	38.60	7.49	31.85
PK	15.71748G	58.00	74.00	-16.00	42.07	3	Vertical	152	2.32	-	37.50	9.87	31.44
AV	15.70824G	45.13	54.00	-8.87	29.20	3	Vertical	152	2.32	-	37.50	9.87	31.44

802.11a_Nss1,(6Mbps)_2TX

5240MHz_TnomVnom

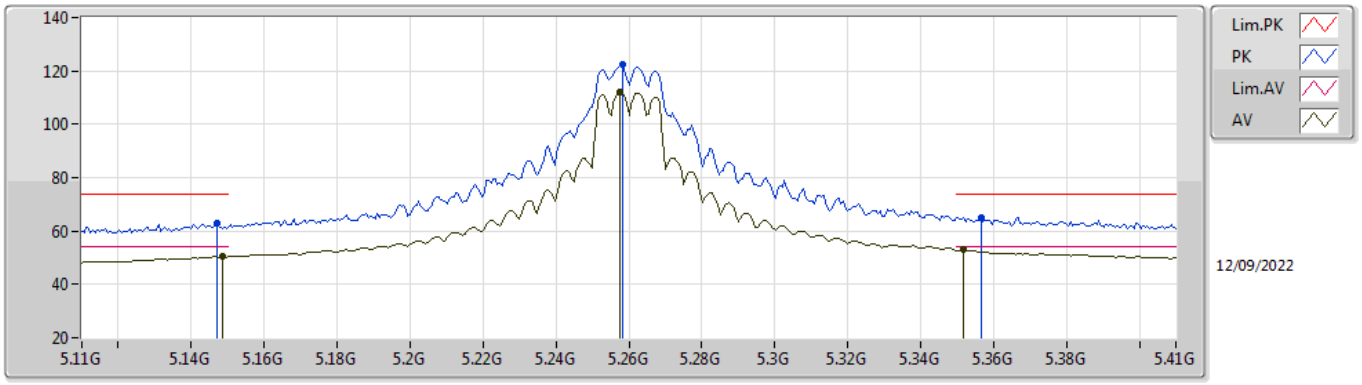


EUT Y_2TX
Setting 23.5
02-F-C-6

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.47982G	62.44	68.20	-5.76	48.20	3	Horizontal	319	1.82	-	38.60	7.49	31.85
PK	15.71016G	58.74	74.00	-15.26	42.81	3	Horizontal	217	2.68	-	37.50	9.87	31.44
AV	15.70872G	44.91	54.00	-9.09	28.98	3	Horizontal	217	2.68	-	37.50	9.87	31.44

802.11a_Nss1,(6Mbps)_2TX

5260MHz_TnomVnom

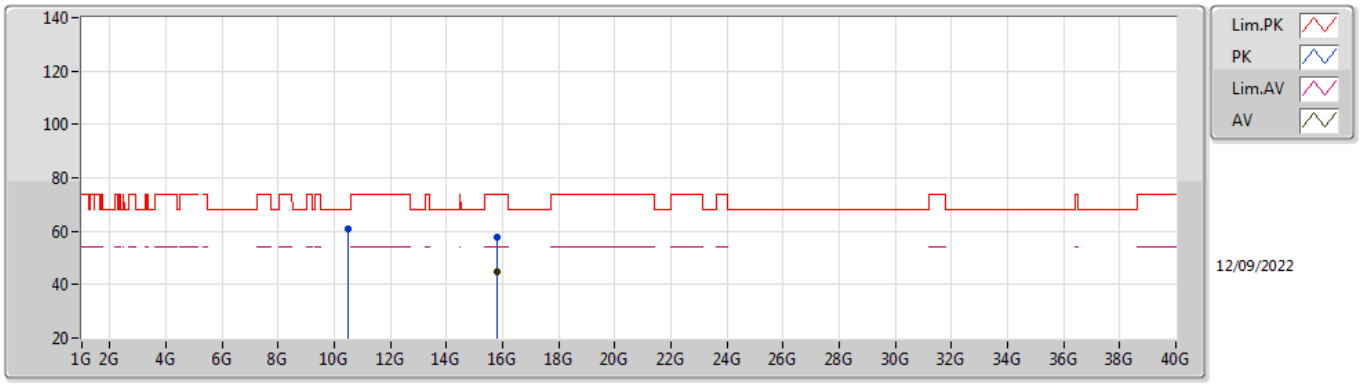


EUT Y_2TX
Setting 20.5
02-F-C-6-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1472G	62.80	74.00	-11.20	54.69	3	Vertical	328	1.85	-	33.59	5.25	30.73
AV	5.1484G	50.40	54.00	-3.60	42.28	3	Vertical	328	1.85	-	33.60	5.25	30.73
PK	5.2582G	122.18	Inf	-Inf	113.85	3	Vertical	328	1.85	-	33.72	5.33	30.72
AV	5.2576G	112.28	Inf	-Inf	103.95	3	Vertical	328	1.85	-	33.72	5.33	30.72
PK	5.3566G	65.11	74.00	-8.89	56.54	3	Vertical	328	1.85	-	33.91	5.38	30.72
AV	5.3518G	52.86	54.00	-1.14	44.30	3	Vertical	328	1.85	-	33.90	5.38	30.72

802.11a_Nss1,(6Mbps)_2TX

5260MHz_TnomVnom

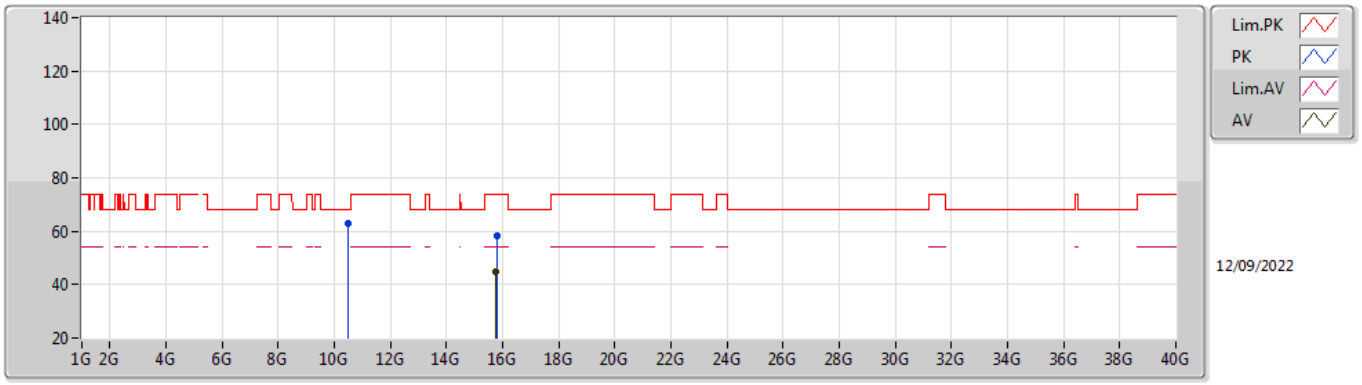


EUT Y_2TX
Setting 20.5
02-F-C-6

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.51628G	61.00	68.20	-7.20	46.76	3	Vertical	32	2.01	-	38.58	7.51	31.85
PK	15.7929G	57.82	74.00	-16.18	41.89	3	Vertical	284	1.03	-	37.50	9.91	31.48
AV	15.78276G	44.86	54.00	-9.14	28.94	3	Vertical	284	1.03	-	37.50	9.90	31.48

802.11a_Nss1,(6Mbps)_2TX

5260MHz_TnomVnom

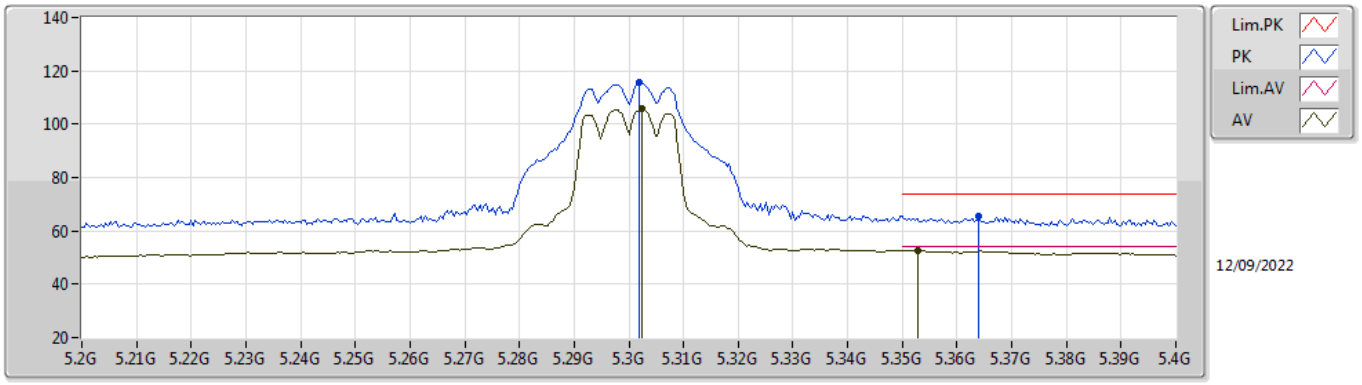


EUT Y_2TX
Setting 20.5
02-F-C-6

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.51562G	63.01	68.20	-5.19	48.77	3	Horizontal	20	2.01	-	38.58	7.51	31.85
PK	15.78216G	58.26	74.00	-15.74	42.34	3	Horizontal	42	2.54	-	37.50	9.90	31.48
AV	15.76656G	44.84	54.00	-9.16	28.92	3	Horizontal	42	2.54	-	37.50	9.89	31.47

802.11a_Nss1,(6Mbps)_2TX

5300MHz_TnomVnom

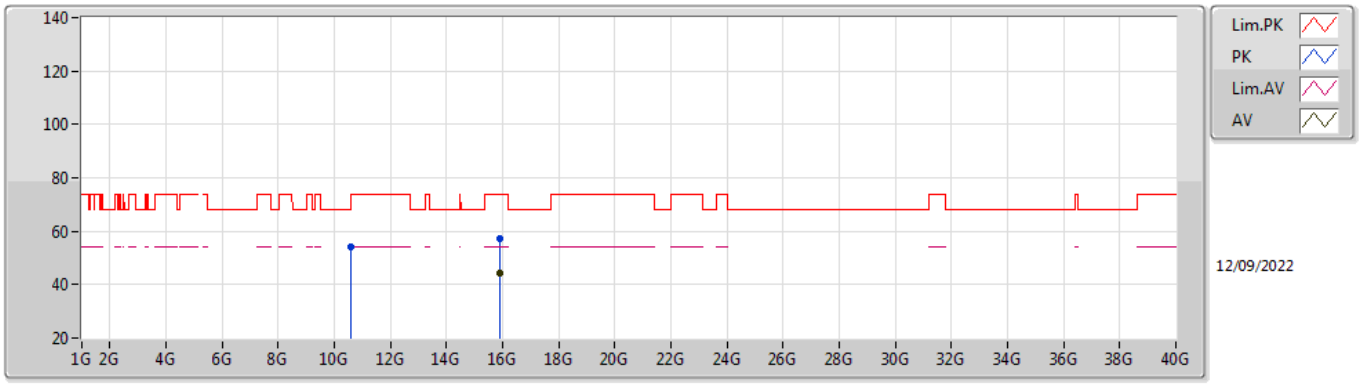


EUT Y_2TX
Setting 12.5
02-F-C-6-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.302G	115.44	Inf	-Inf	107.01	3	Vertical	327	1.80	-	33.80	5.35	30.72
AV	5.3024G	105.69	Inf	-Inf	97.26	3	Vertical	327	1.80	-	33.80	5.35	30.72
PK	5.364G	65.53	74.00	-8.47	56.94	3	Vertical	327	1.80	-	33.93	5.38	30.72
AV	5.3528G	52.66	54.00	-1.34	44.09	3	Vertical	327	1.80	-	33.91	5.38	30.72

802.11a_Nss1,(6Mbps)_2TX

5300MHz_TnomVnom

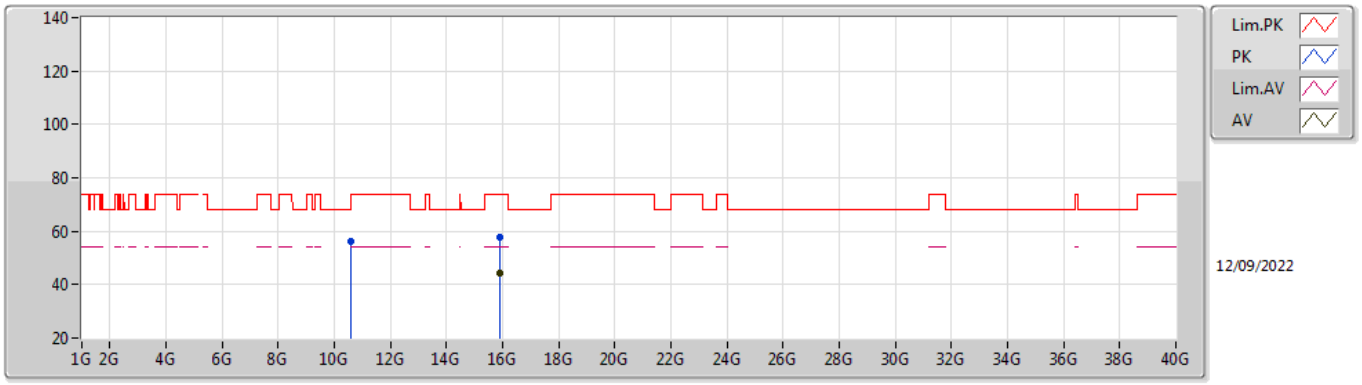


EUT Y_2TX
Setting 12.5
02-F-C-6

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.59802G	54.39	68.20	-13.81	40.21	3	Vertical	33	1.89	-	38.50	7.54	31.86
PK	15.90186G	57.46	74.00	-16.54	41.74	3	Vertical	172	2.00	-	37.30	9.96	31.54
AV	15.90642G	44.25	54.00	-9.75	28.53	3	Vertical	172	2.00	-	37.30	9.96	31.54

802.11a_Nss1,(6Mbps)_2TX

5300MHz_TnomVnom

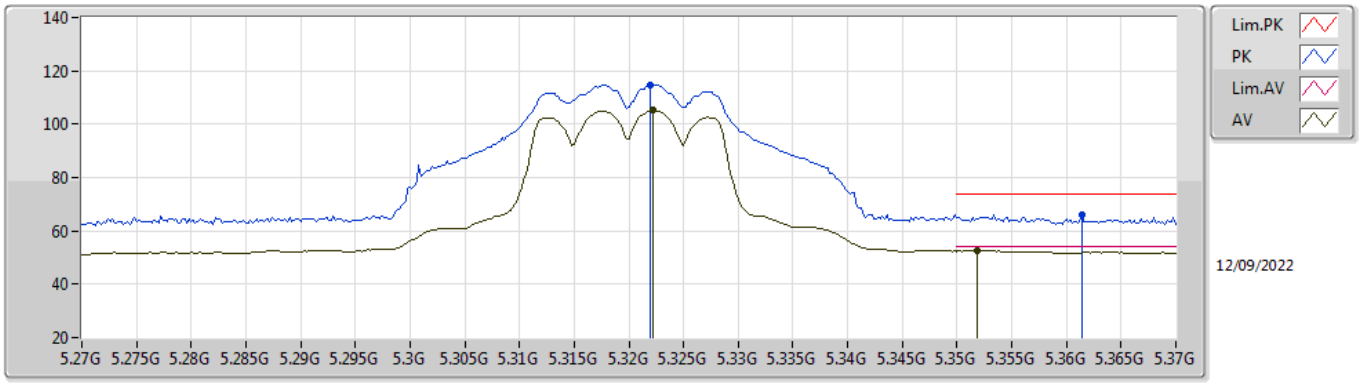


EUT Y_2TX
Setting 12.5
02-F-C-6

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.59796G	56.08	68.20	-12.12	41.90	3	Horizontal	18	1.90	-	38.50	7.54	31.86
PK	15.89106G	57.68	74.00	-16.32	41.94	3	Horizontal	186	1.33	-	37.32	9.95	31.53
AV	15.89466G	44.30	54.00	-9.70	28.58	3	Horizontal	186	1.33	-	37.31	9.95	31.54

802.11a_Nss1,(6Mbps)_2TX

5320MHz_TnomVnom

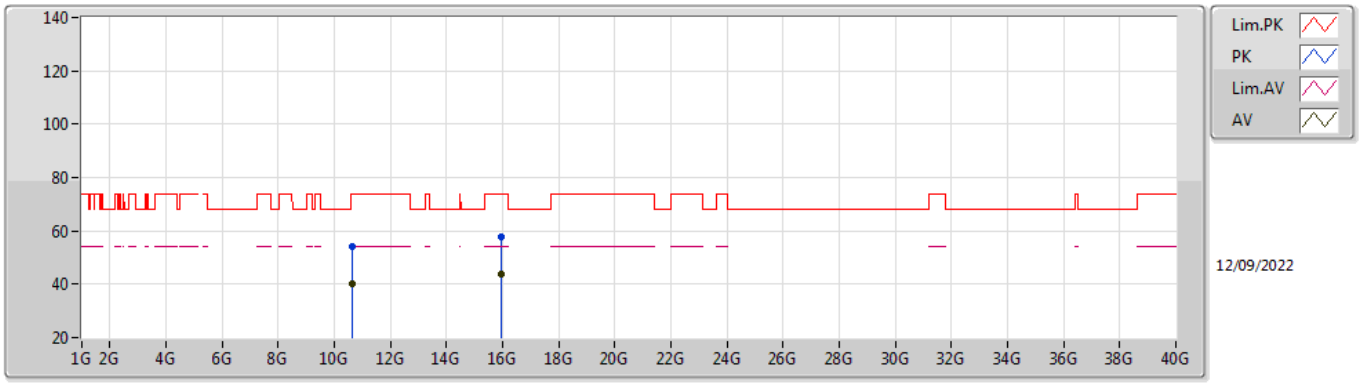


EUT Y_2TX
Setting 11.5
02-F-C-6-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.322G	114.77	Inf	-Inf	106.29	3	Vertical	327	1.80	-	33.84	5.36	30.72
AV	5.3222G	105.09	Inf	-Inf	96.61	3	Vertical	327	1.80	-	33.84	5.36	30.72
PK	5.3614G	65.86	74.00	-8.14	57.28	3	Vertical	327	1.80	-	33.92	5.38	30.72
AV	5.3518G	52.61	54.00	-1.39	44.05	3	Vertical	327	1.80	-	33.90	5.38	30.72

802.11a_Nss1,(6Mbps)_2TX

5320MHz_TnomVnom

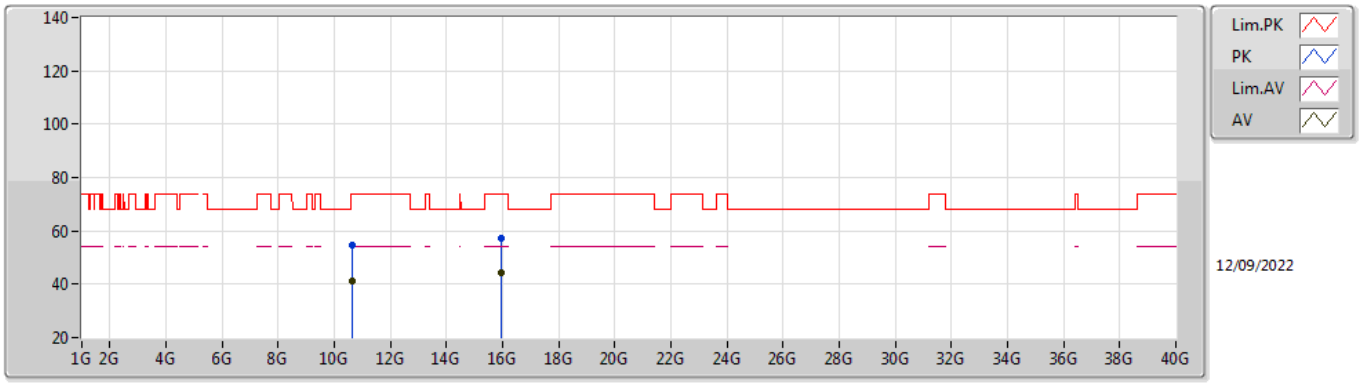


EUT Y_2TX
Setting 11.5
02-F-C-6

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.63994G	54.01	74.00	-19.99	39.82	3	Vertical	28	2.45	-	38.50	7.56	31.87
AV	10.64306G	40.32	54.00	-13.68	26.13	3	Vertical	28	2.45	-	38.50	7.56	31.87
PK	15.97494G	57.73	74.00	-16.27	42.02	3	Vertical	305	1.08	-	37.30	9.99	31.58
AV	15.9681G	44.00	54.00	-10.00	28.28	3	Vertical	305	1.08	-	37.30	9.99	31.57

802.11a_Nss1,(6Mbps)_2TX

5320MHz_TnomVnom

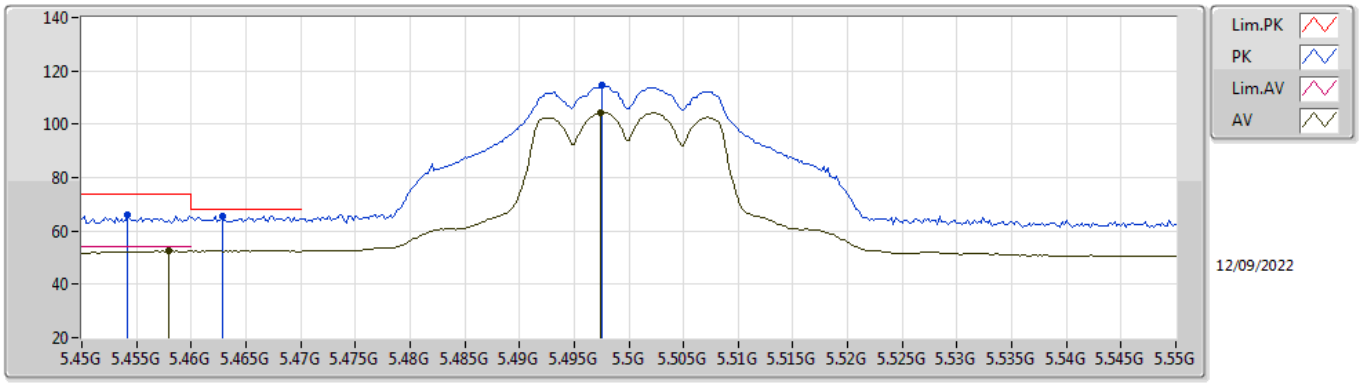


EUT Y_2TX
Setting 11.5
02-F-C-6

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.63436G	54.61	74.00	-19.39	40.43	3	Horizontal	20	1.80	-	38.50	7.55	31.87
AV	10.63838G	41.23	54.00	-12.77	27.04	3	Horizontal	20	1.80	-	38.50	7.56	31.87
PK	15.9528G	57.27	74.00	-16.73	41.56	3	Horizontal	127	1.99	-	37.30	9.98	31.57
AV	15.97188G	44.11	54.00	-9.89	28.40	3	Horizontal	127	1.99	-	37.30	9.99	31.58

802.11a_Nss1,(6Mbps)_2TX

5500MHz_TnomVnom

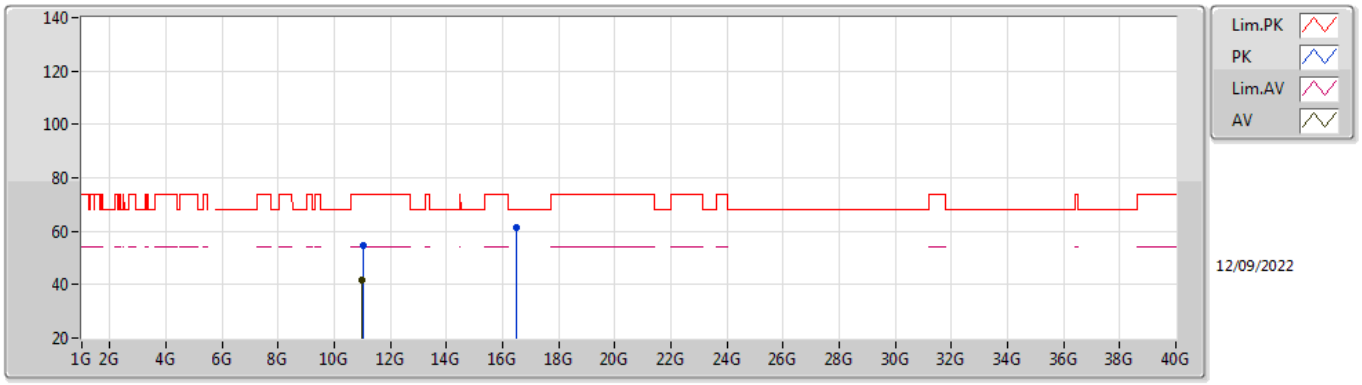


EUT Y_2TX
Setting 10.5
02-F-C-6-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.4542G	65.78	74.00	-8.22	57.05	3	Vertical	327	1.80	-	34.00	5.45	30.72
AV	5.458G	52.42	54.00	-1.58	43.68	3	Vertical	327	1.80	-	34.00	5.46	30.72
PK	5.4628G	65.61	68.20	-2.59	56.87	3	Vertical	327	1.80	-	34.00	5.46	30.72
PK	5.4976G	114.43	Inf	-Inf	105.65	3	Vertical	327	1.80	-	34.00	5.50	30.72
AV	5.4974G	104.34	Inf	-Inf	95.56	3	Vertical	327	1.80	-	34.00	5.50	30.72

802.11a_Nss1,(6Mbps)_2TX

5500MHz_TnomVnom

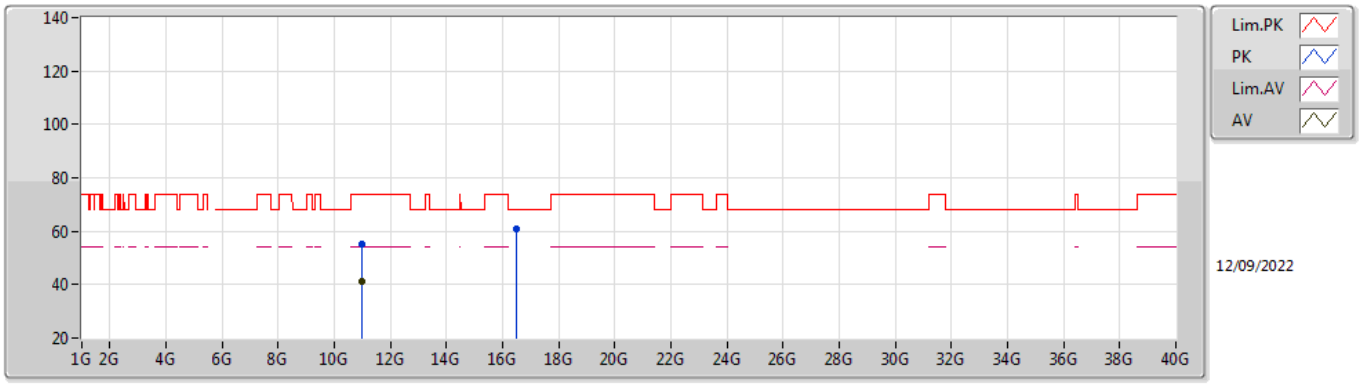


EUT Y_2TX
Setting 10.5
02-F-C-6

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.00882G	54.46	74.00	-19.54	40.07	3	Vertical	336	1.87	-	38.61	7.70	31.92
AV	10.99856G	41.48	54.00	-12.52	27.10	3	Vertical	336	1.87	-	38.60	7.70	31.92
PK	16.51014G	61.15	68.20	-7.05	42.73	3	Vertical	342	2.50	-	39.13	10.26	30.97

802.11a_Nss1,(6Mbps)_2TX

5500MHz_TnomVnom

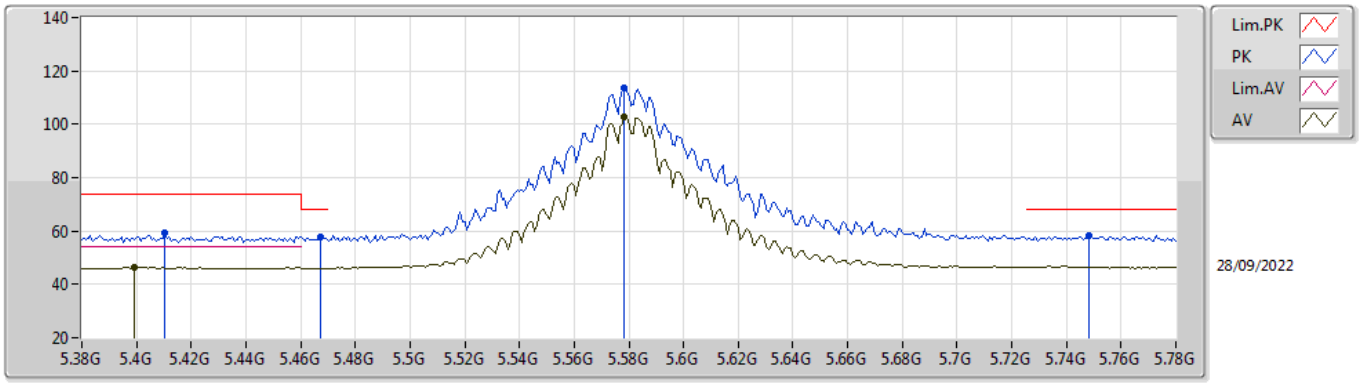


EUT Y_2TX
Setting 10.5
02-F-C-6

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.99316G	55.17	74.00	-18.83	40.80	3	Horizontal	5	1.80	-	38.59	7.70	31.92
AV	10.99844G	41.28	54.00	-12.72	26.90	3	Horizontal	5	1.80	-	38.60	7.70	31.92
PK	16.4883G	60.80	68.20	-7.40	42.54	3	Horizontal	21	2.67	-	39.01	10.24	30.99

802.11a_Nss1,(6Mbps)_2TX

5580MHz_TnomVnom

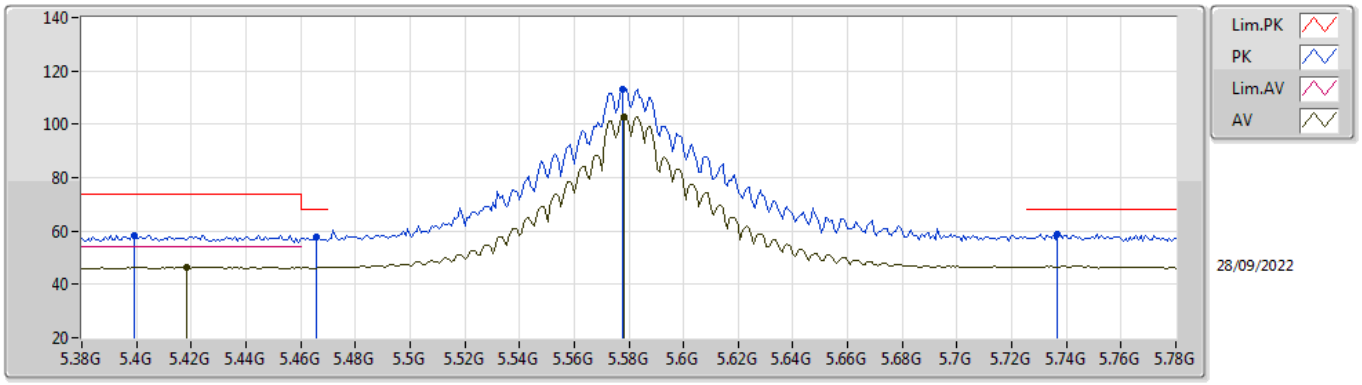


EUT Y_2TX
Setting 25
02-F-G-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.4104G	59.13	74.00	-14.87	50.44	3	Vertical	11	1.55	-	34.00	5.41	30.72
AV	5.3992G	46.25	54.00	-7.75	37.57	3	Vertical	11	1.55	-	34.00	5.40	30.72
PK	5.4672G	57.83	68.20	-10.37	49.08	3	Vertical	11	1.55	-	34.00	5.47	30.72
PK	5.5784G	113.81	Inf	-Inf	105.07	3	Vertical	11	1.55	-	33.94	5.58	30.78
AV	5.5784G	102.99	Inf	-Inf	94.25	3	Vertical	11	1.55	-	33.94	5.58	30.78
PK	5.748G	58.25	68.20	-9.95	49.76	3	Vertical	11	1.55	-	33.80	5.60	30.91

802.11a_Nss1,(6Mbps)_2TX

5580MHz_TnomVnom

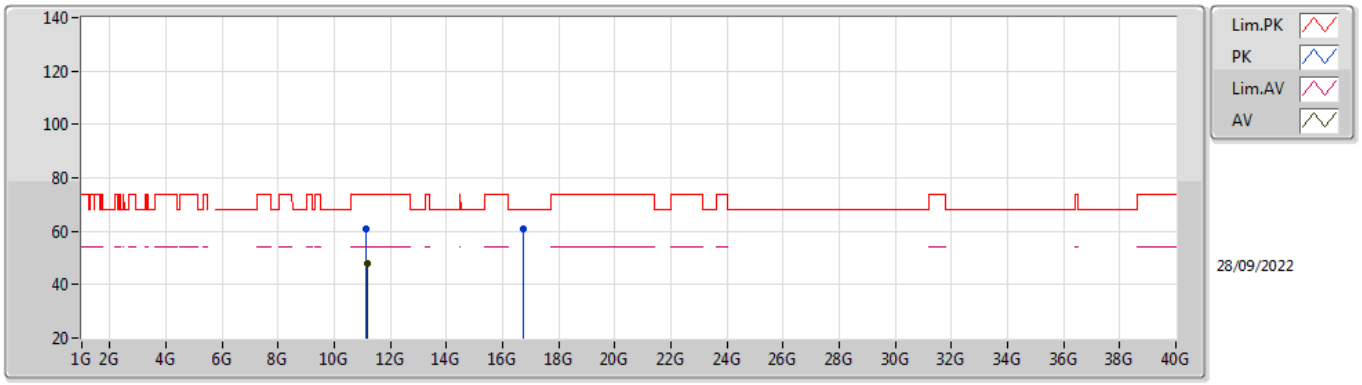


EUT Y_2TX
Setting 25
02-F-G-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.3992G	58.47	74.00	-15.53	49.79	3	Horizontal	15	2.09	-	34.00	5.40	30.72
AV	5.4184G	46.43	54.00	-7.57	37.73	3	Horizontal	15	2.09	-	34.00	5.42	30.72
PK	5.4656G	57.52	68.20	-10.68	48.77	3	Horizontal	15	2.09	-	34.00	5.47	30.72
PK	5.5776G	113.30	Inf	-Inf	104.56	3	Horizontal	15	2.09	-	33.94	5.58	30.78
AV	5.5784G	102.89	Inf	-Inf	94.15	3	Horizontal	15	2.09	-	33.94	5.58	30.78
PK	5.7368G	58.85	68.20	-9.35	50.32	3	Horizontal	15	2.09	-	33.83	5.60	30.90

802.11a_Nss1,(6Mbps)_2TX

5580MHz_TnomVnom

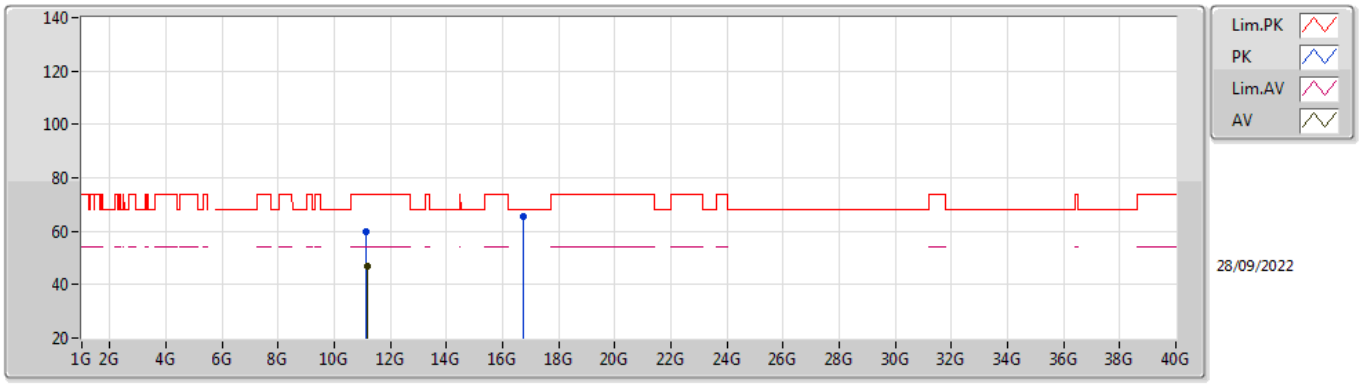


EUT Y_2TX
Setting 25
02-F-G-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.15416G	61.04	74.00	-12.96	46.51	3	Vertical	305	1.78	-	38.75	7.76	31.98
AV	11.15896G	47.94	54.00	-6.06	33.40	3	Vertical	305	1.78	-	38.76	7.76	31.98
PK	16.73736G	60.93	68.20	-7.27	41.30	3	Vertical	331	1.80	-	39.90	10.37	30.64

802.11a_Nss1,(6Mbps)_2TX

5580MHz_TnomVnom

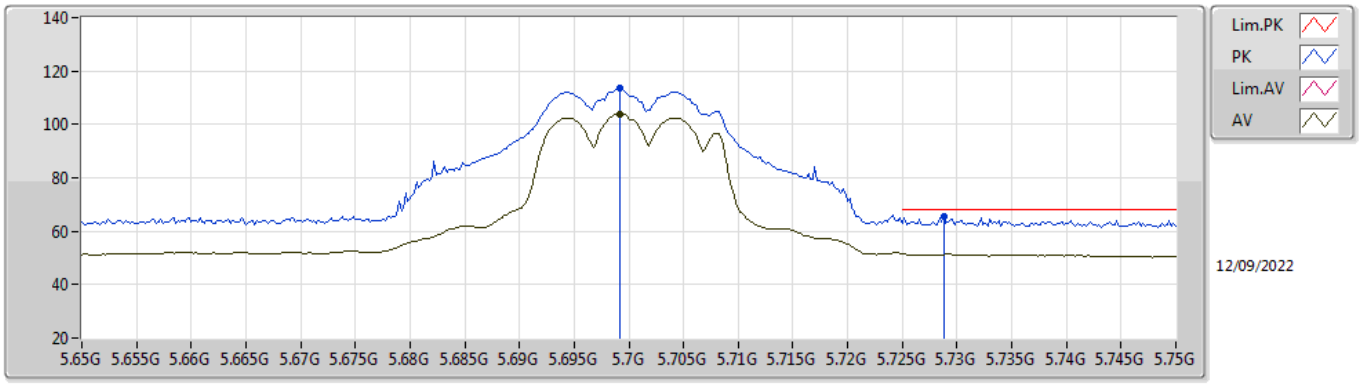


EUT Y_2TX
Setting 25
02-F-G-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.15432G	59.78	74.00	-14.22	45.25	3	Horizontal	309	2.81	-	38.75	7.76	31.98
AV	11.15888G	46.89	54.00	-7.11	32.35	3	Horizontal	309	2.81	-	38.76	7.76	31.98
PK	16.74376G	65.64	68.20	-2.56	45.95	3	Horizontal	352	1.90	-	39.95	10.37	30.63

802.11a_Nss1,(6Mbps)_2TX

5700MHz_TnomVnom

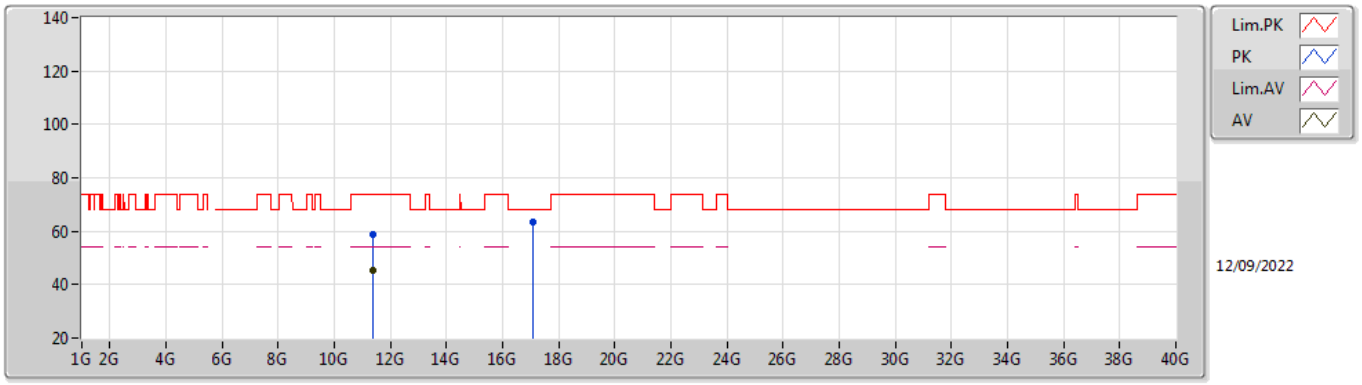


EUT Y_2TX
Setting 12
02-F-C-6-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.6992G	113.50	Inf	-Inf	104.87	3	Vertical	323	1.82	-	33.90	5.60	30.87
AV	5.6992G	103.93	Inf	-Inf	95.30	3	Vertical	323	1.82	-	33.90	5.60	30.87
PK	5.7288G	65.42	68.20	-2.78	56.87	3	Vertical	323	1.82	-	33.84	5.60	30.89

802.11a_Nss1,(6Mbps)_2TX

5700MHz_TnomVnom

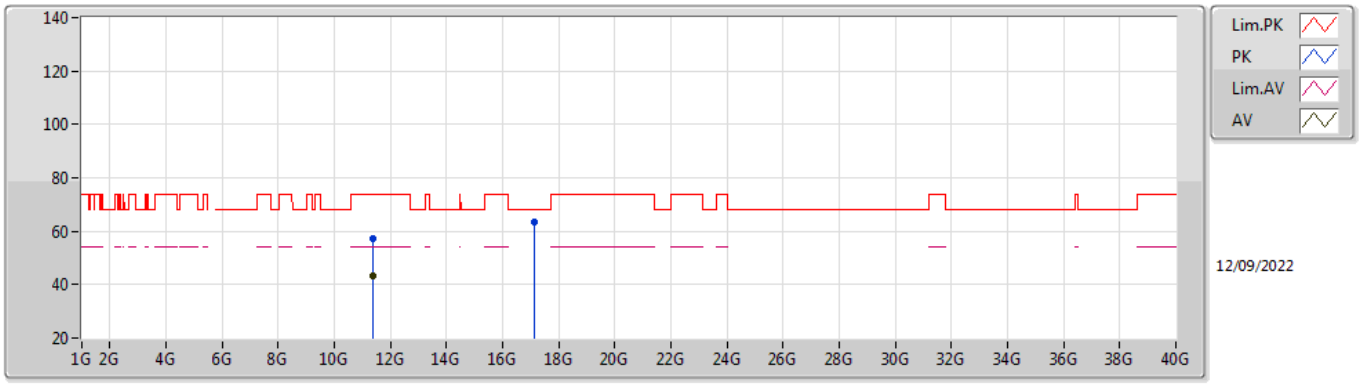


EUT Y_2TX
Setting 12
02-F-C-6

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.39988G	58.87	74.00	-15.13	44.29	3	Vertical	351	1.80	-	38.80	7.86	32.08
AV	11.39904G	45.26	54.00	-8.74	30.68	3	Vertical	351	1.80	-	38.80	7.86	32.08
PK	17.09424G	63.66	68.20	-4.54	41.98	3	Vertical	43	2.90	-	41.38	10.55	30.25

802.11a_Nss1,(6Mbps)_2TX

5700MHz_TnomVnom

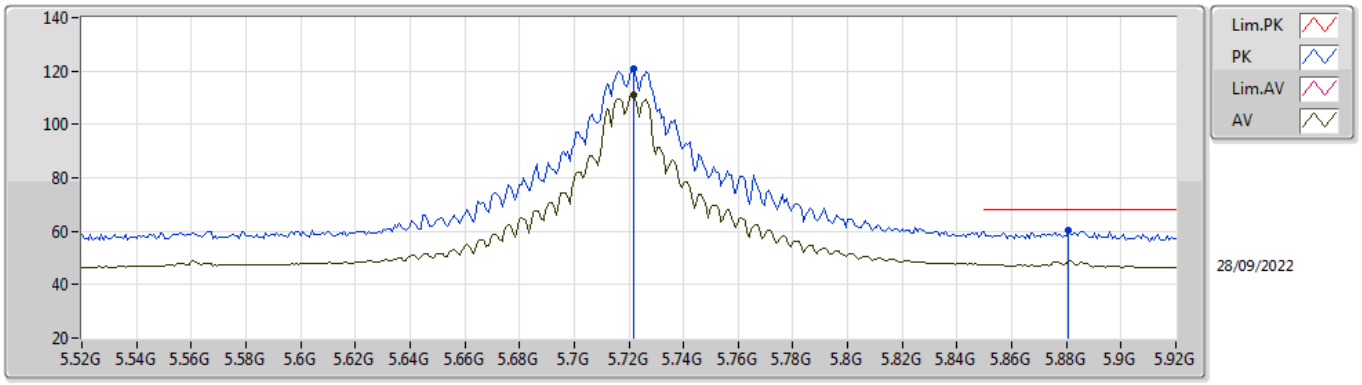


EUT Y_2TX
Setting 12
02-F-C-6

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.39814G	57.49	74.00	-16.51	42.91	3	Horizontal	318	1.86	-	38.80	7.86	32.08
AV	11.39922G	43.48	54.00	-10.52	28.90	3	Horizontal	318	1.86	-	38.80	7.86	32.08
PK	17.11152G	63.62	68.20	-4.58	41.84	3	Horizontal	202	1.75	-	41.47	10.56	30.25

802.11a_Nss1,(6Mbps)_2TX

5720MHz Straddle 5.47-5.725GHz_TnomVnom

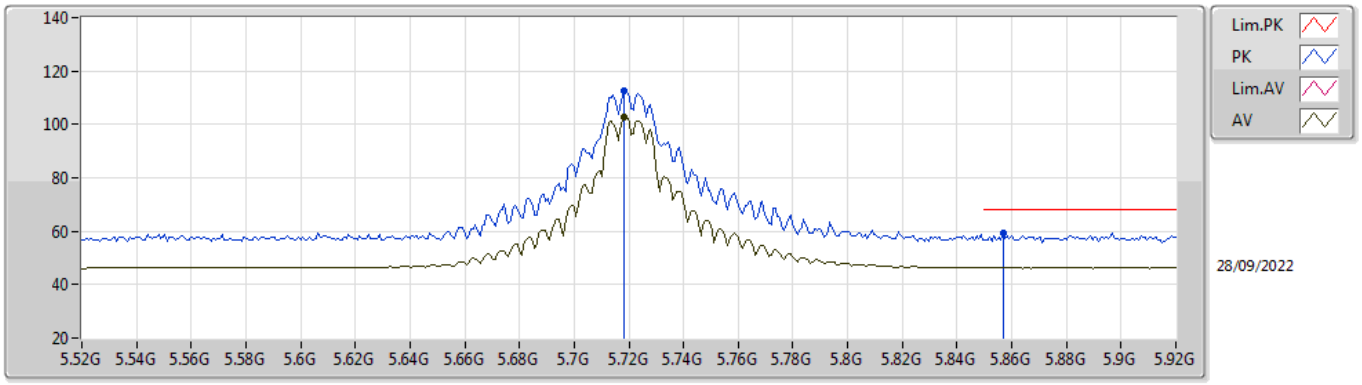


EUT Y_2TX
Setting 21.5
02-F-G-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.7216G	120.80	Inf	-Inf	112.23	3	Vertical	354	2.39	-	33.86	5.60	30.89
AV	5.7216G	111.05	Inf	-Inf	102.48	3	Vertical	354	2.39	-	33.86	5.60	30.89
PK	5.8808G	60.11	68.20	-8.09	51.46	3	Vertical	354	2.39	-	33.98	5.68	31.01

802.11a_Nss1,(6Mbps)_2TX

5720MHz Straddle 5.47-5.725GHz_TnomVnom

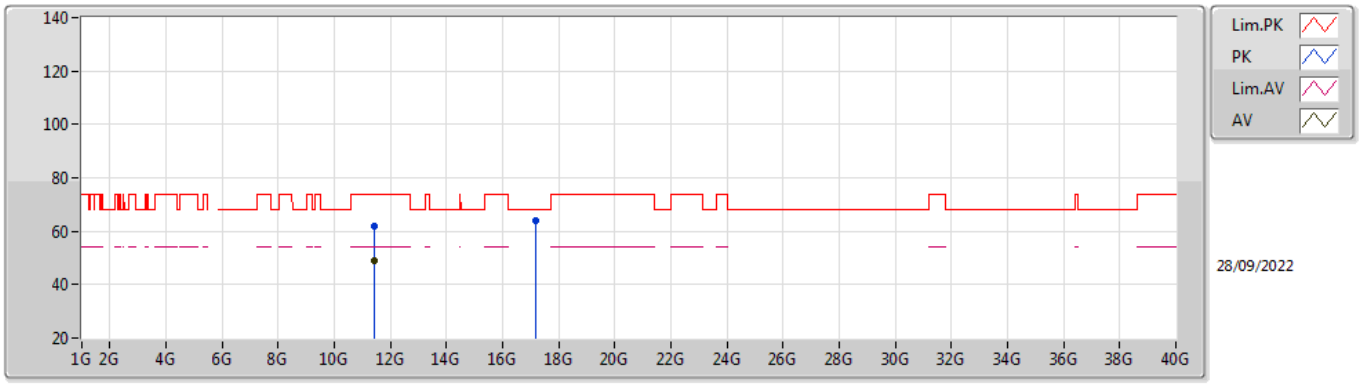


EUT Y_2TX
Setting 21.5
02-F-G-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.7184G	112.49	Inf	-Inf	103.92	3	Horizontal	12	2.02	-	33.86	5.60	30.89
AV	5.7184G	102.74	Inf	-Inf	94.17	3	Horizontal	12	2.02	-	33.86	5.60	30.89
PK	5.8568G	59.22	68.20	-8.98	50.71	3	Horizontal	12	2.02	-	33.84	5.66	30.99

802.11a_Nss1,(6Mbps)_2TX

5720MHz Straddle 5.47-5.725GHz_TnomVnom

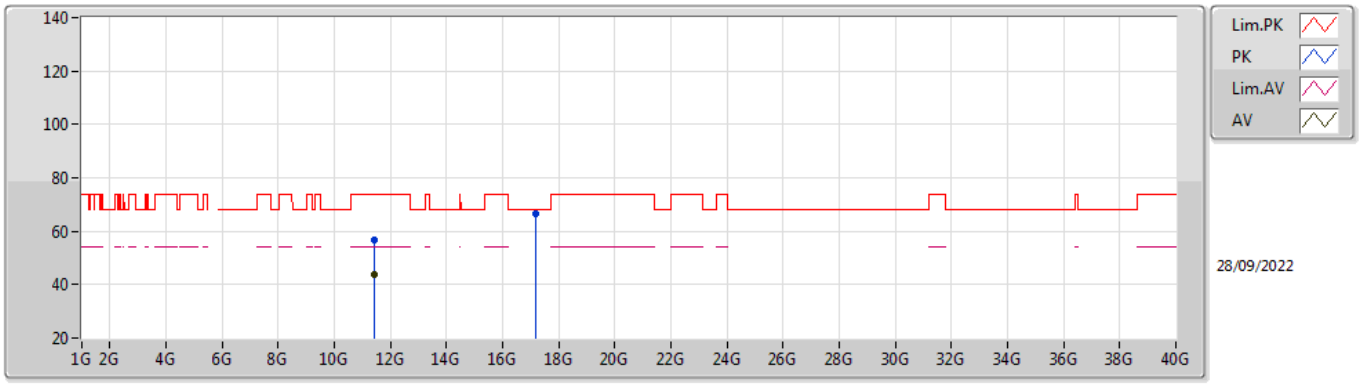


EUT Y_2TX
Setting 21.5
02-F-G-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.43832G	61.82	74.00	-12.18	47.16	3	Vertical	354	2.00	-	38.88	7.88	32.10
AV	11.44336G	49.16	54.00	-4.84	34.49	3	Vertical	354	2.00	-	38.89	7.88	32.10
PK	17.17232G	63.75	68.20	-4.45	41.57	3	Vertical	156	1.51	-	41.83	10.59	30.24

802.11a_Nss1,(6Mbps)_2TX

5720MHz Straddle 5.47-5.725GHz_TnomVnom

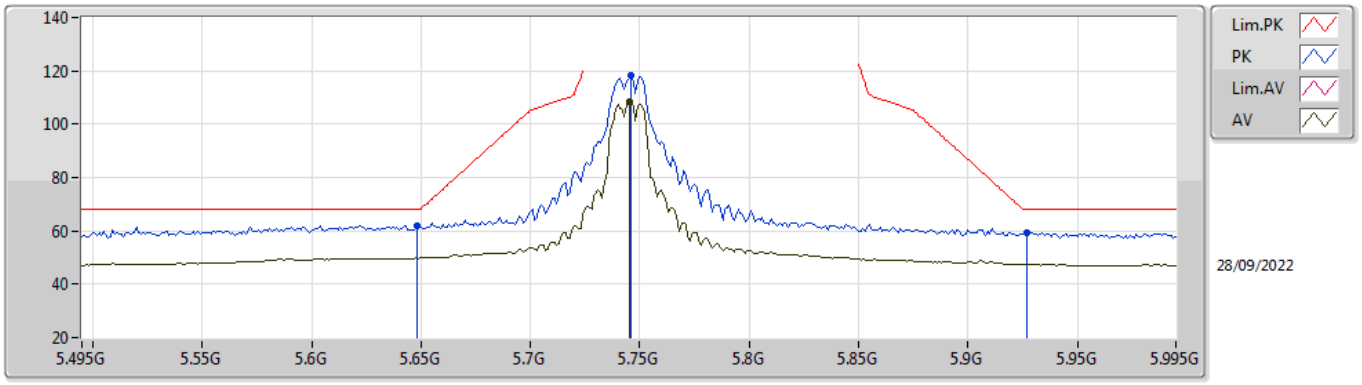


EUT Y_2TX
Setting 21.5
02-F-G-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.44344G	56.67	74.00	-17.33	42.00	3	Horizontal	284	1.83	-	38.89	7.88	32.10
AV	11.44328G	43.83	54.00	-10.17	29.16	3	Horizontal	284	1.83	-	38.89	7.88	32.10
PK	17.16376G	66.58	68.20	-1.62	44.46	3	Horizontal	41	1.96	-	41.78	10.58	30.24

802.11a_Nss1,(6Mbps)_2TX

5745MHz_TnomVnom

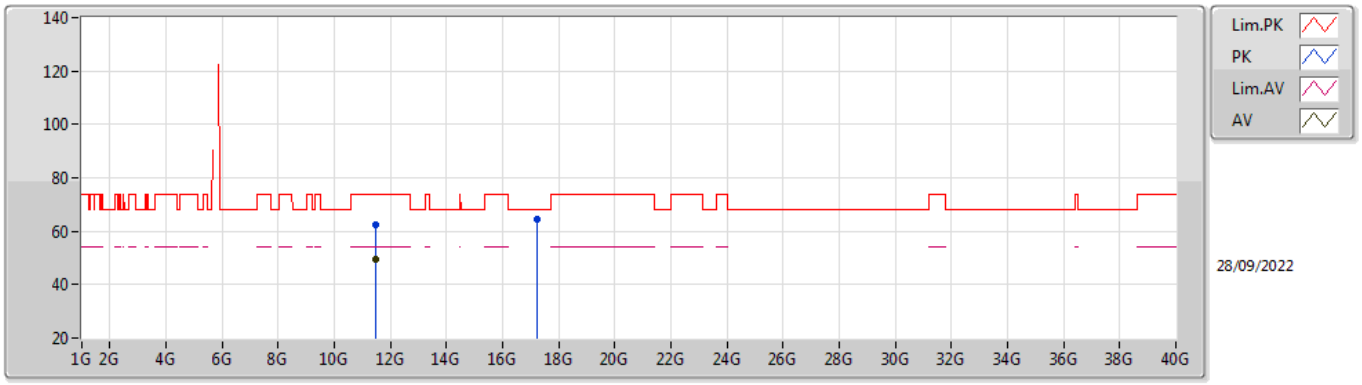


EUT Y_2TX
Setting 18
02-F-C-6-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.648G	62.12	68.20	-6.08	53.55	3	Vertical	302	2.38	-	33.80	5.60	30.83
PK	5.746G	118.22	Inf	-Inf	109.72	3	Vertical	302	2.38	-	33.81	5.60	30.91
AV	5.745G	108.47	Inf	-Inf	99.97	3	Vertical	302	2.38	-	33.81	5.60	30.91
PK	5.927G	59.47	68.20	-8.73	50.63	3	Vertical	302	2.38	-	34.15	5.73	31.04

802.11a_Nss1,(6Mbps)_2TX

5745MHz_TnomVnom

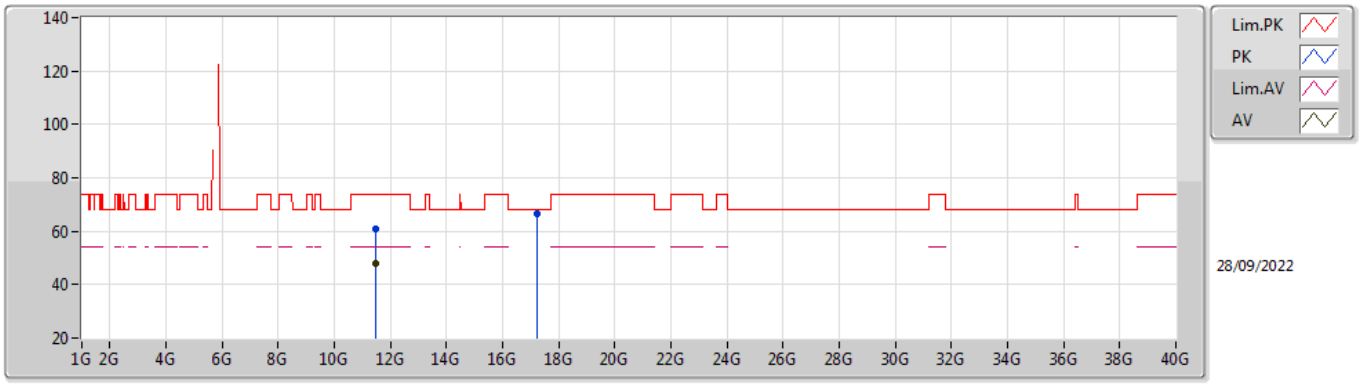


EUT Y_2TX
Setting 18
02-F-C-6

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.48838G	62.30	74.00	-11.70	47.54	3	Vertical	309	1.65	-	38.98	7.90	32.12
AV	11.48898G	49.33	54.00	-4.67	34.57	3	Vertical	309	1.65	-	38.98	7.90	32.12
PK	17.23074G	64.37	68.20	-3.83	41.84	3	Vertical	260	2.43	-	42.15	10.62	30.24

802.11a_Nss1,(6Mbps)_2TX

5745MHz_TnomVnom

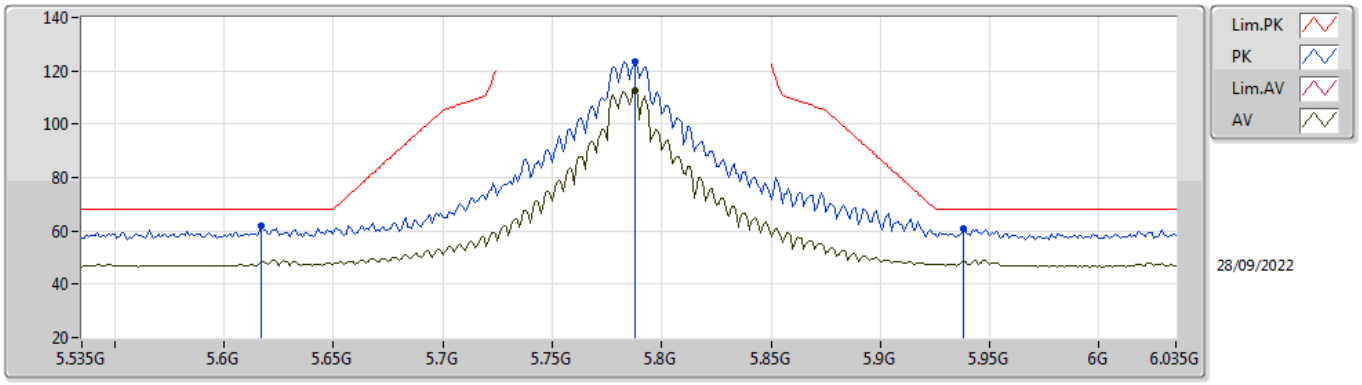


EUT Y_2TX
Setting 18
02-F-C-6

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.48856G	61.03	74.00	-12.97	46.27	3	Horizontal	47	2.77	-	38.98	7.90	32.12
AV	11.48838G	47.76	54.00	-6.24	33.00	3	Horizontal	47	2.77	-	38.98	7.90	32.12
PK	17.23488G	66.51	68.20	-1.69	43.96	3	Horizontal	68	1.45	-	42.17	10.62	30.24

802.11a_Nss1,(6Mbps)_2TX

5785MHz_TnomVnom

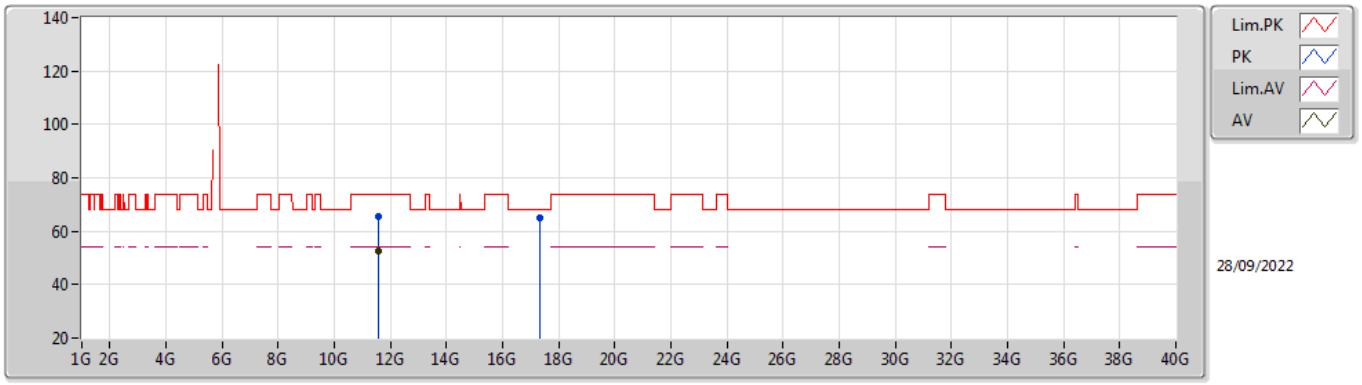


EUT Y_2TX
Setting 23
02-F-C-6-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.617G	61.67	68.20	-6.53	53.01	3	Vertical	360	2.23	-	33.87	5.60	30.81
PK	5.788G	123.53	Inf	-Inf	115.07	3	Vertical	360	2.23	-	33.80	5.60	30.94
AV	5.788G	112.75	Inf	-Inf	104.29	3	Vertical	360	2.23	-	33.80	5.60	30.94
PK	5.938G	60.65	68.20	-7.55	51.78	3	Vertical	360	2.23	-	34.18	5.74	31.05

802.11a_Nss1,(6Mbps)_2TX

5785MHz_TnomVnom

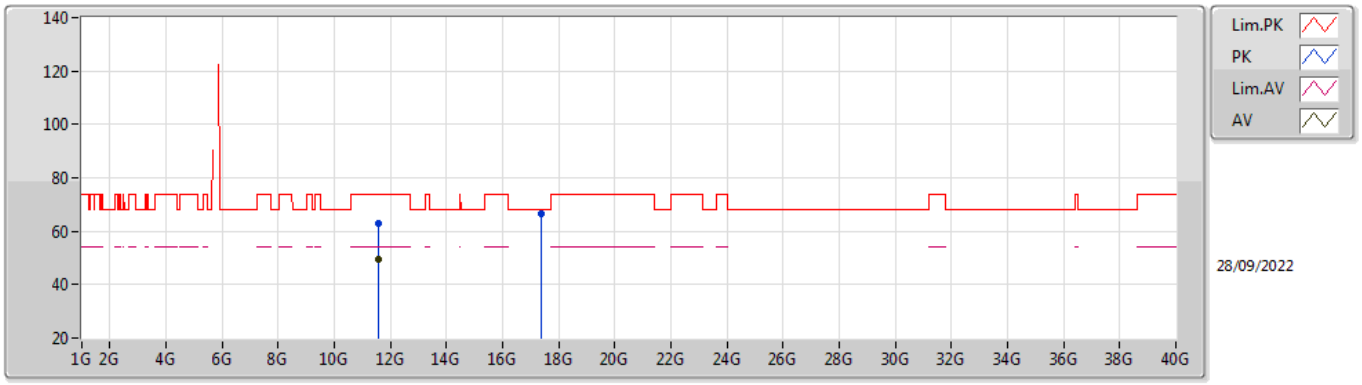


EUT Y_2TX
Setting 23
02-F-C-6

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.56816G	65.62	74.00	-8.38	50.65	3	Vertical	319	1.80	-	39.20	7.93	32.16
AV	11.57368G	52.84	54.00	-1.16	37.85	3	Vertical	319	1.80	-	39.22	7.93	32.16
PK	17.33684G	65.00	68.20	-3.20	41.84	3	Vertical	50	2.34	-	42.72	10.67	30.23

802.11a_Nss1,(6Mbps)_2TX

5785MHz_TnomVnom

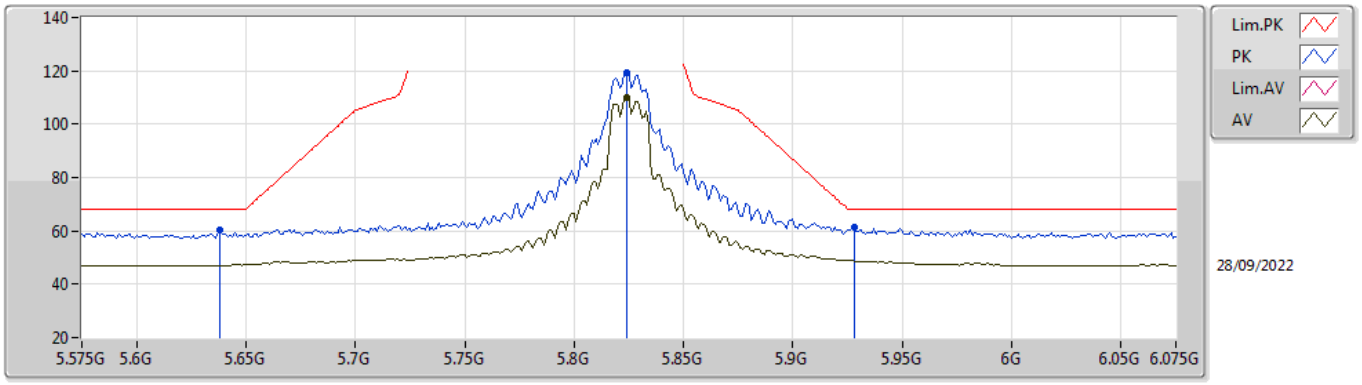


EUT Y_2TX
Setting 23
02-F-C-6

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.57312G	62.95	74.00	-11.05	47.96	3	Horizontal	290	2.04	-	39.22	7.93	32.16
AV	11.5736G	49.72	54.00	-4.28	34.73	3	Horizontal	290	2.04	-	39.22	7.93	32.16
PK	17.3598G	66.48	68.20	-1.72	43.16	3	Horizontal	40	1.80	-	42.86	10.68	30.22

802.11a_Nss1,(6Mbps)_2TX

5825MHz_TnomVnom

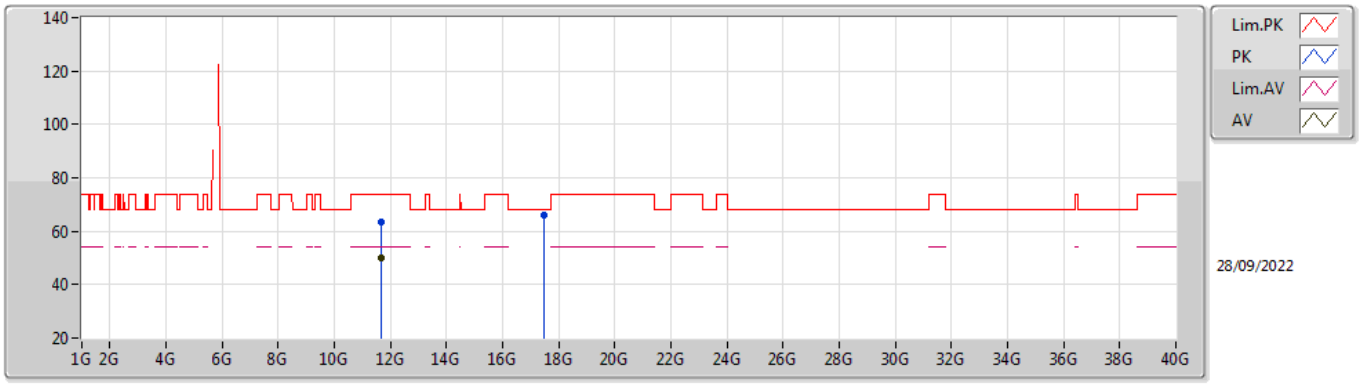


EUT Y_2TX
Setting 19.5
02-F-C-6-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.638G	60.12	68.20	-8.08	51.52	3	Vertical	353	2.13	-	33.82	5.60	30.82
PK	5.824G	119.32	Inf	-Inf	110.87	3	Vertical	353	2.13	-	33.80	5.62	30.97
AV	5.824G	109.88	Inf	-Inf	101.43	3	Vertical	353	2.13	-	33.80	5.62	30.97
PK	5.928G	61.55	68.20	-6.65	52.71	3	Vertical	353	2.13	-	34.16	5.73	31.05

802.11a_Nss1,(6Mbps)_2TX

5825MHz_TnomVnom

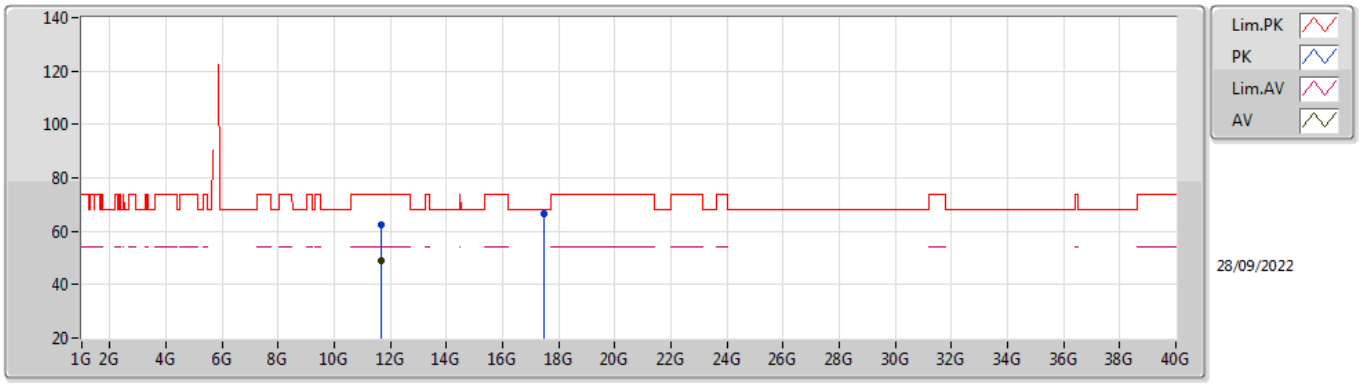


EUT Y_2TX
Setting 19.5
02-F-C-6

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.64824G	63.22	74.00	-10.78	48.07	3	Vertical	356	1.86	-	39.40	7.96	32.21
AV	11.6484G	49.86	54.00	-4.14	34.71	3	Vertical	356	1.86	-	39.40	7.96	32.21
PK	17.45932G	65.90	68.20	-2.30	41.81	3	Vertical	194	1.80	-	43.57	10.73	30.21

802.11a_Nss1,(6Mbps)_2TX

5825MHz_TnomVnom

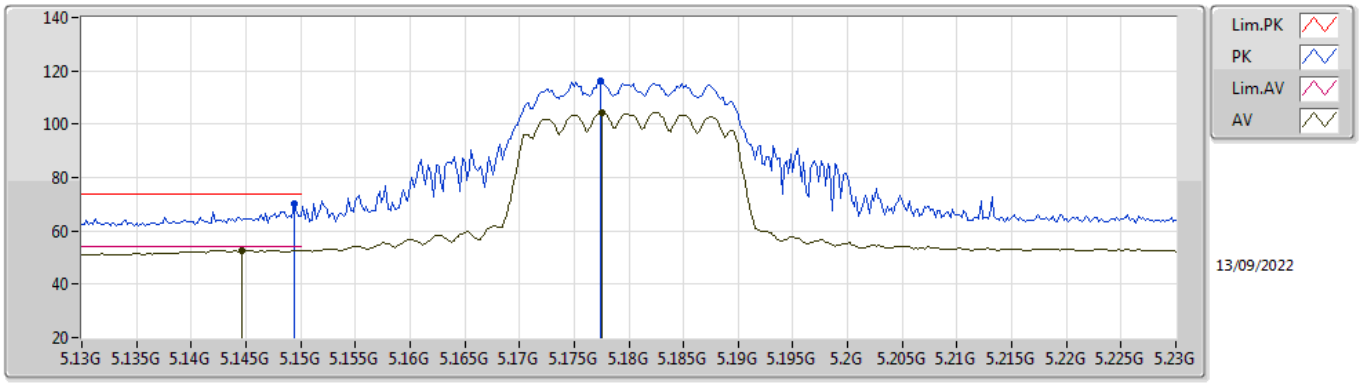


EUT Y_2TX
Setting 19.5
02-F-C-6

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.64832G	62.16	74.00	-11.84	47.01	3	Horizontal	52	2.41	-	39.40	7.96	32.21
AV	11.6484G	48.72	54.00	-5.28	33.57	3	Horizontal	52	2.41	-	39.40	7.96	32.21
PK	17.4742G	66.52	68.20	-1.68	42.30	3	Horizontal	40	1.80	-	43.69	10.74	30.21

802.11ax HEW20_Nss1,(MCS0)_2TX

5180MHz_TnomVnom

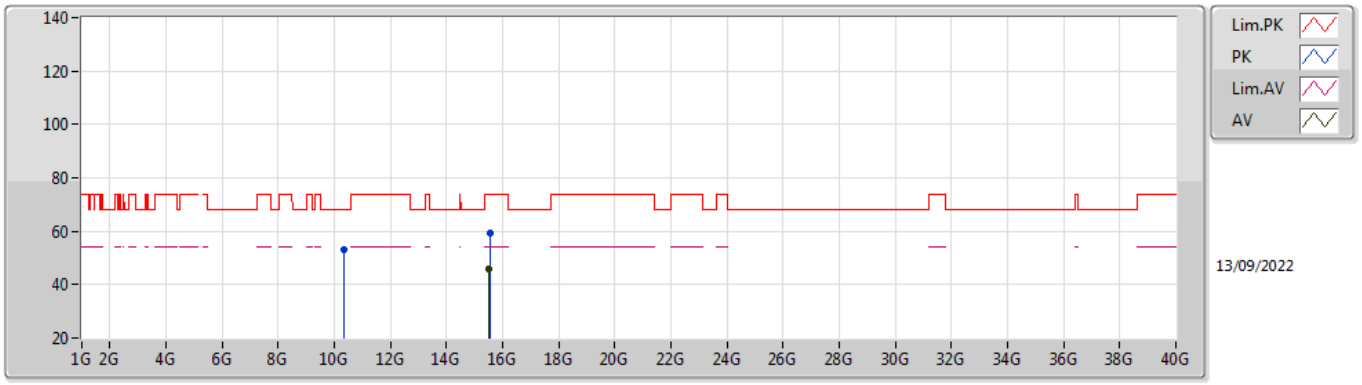


EUT Y_2TX
Setting 13
02-F-C-6-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1494G	70.14	74.00	-3.86	62.02	3	Vertical	326	1.80	-	33.60	5.25	30.73
AV	5.1446G	52.80	54.00	-1.20	44.70	3	Vertical	326	1.80	-	33.59	5.24	30.73
PK	5.1774G	116.07	Inf	-Inf	107.87	3	Vertical	326	1.80	-	33.65	5.28	30.73
AV	5.1776G	104.40	Inf	-Inf	96.19	3	Vertical	326	1.80	-	33.66	5.28	30.73

802.11ax HEW20_Nss1,(MCS0)_2TX

5180MHz_TnomVnom

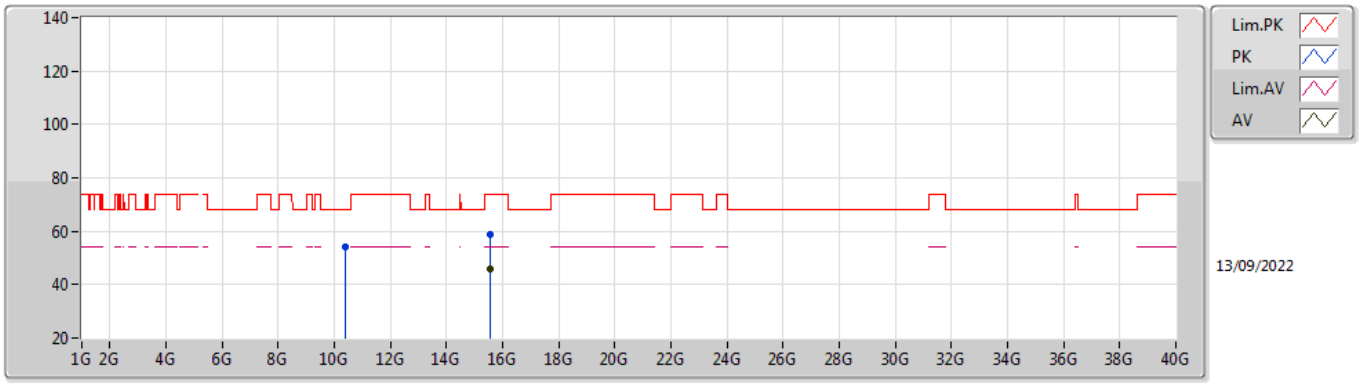


EUT Y_2TX
Setting 13
02-F-C-6

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.35328G	53.34	68.20	-14.86	39.08	3	Vertical	68	1.34	-	38.65	7.44	31.83
PK	15.55026G	59.29	74.00	-14.71	43.05	3	Vertical	14	1.57	-	37.80	9.80	31.36
AV	15.53058G	46.06	54.00	-7.94	29.70	3	Vertical	14	1.57	-	37.92	9.79	31.35

802.11ax HEW20_Nss1,(MCS0)_2TX

5180MHz_TnomVnom

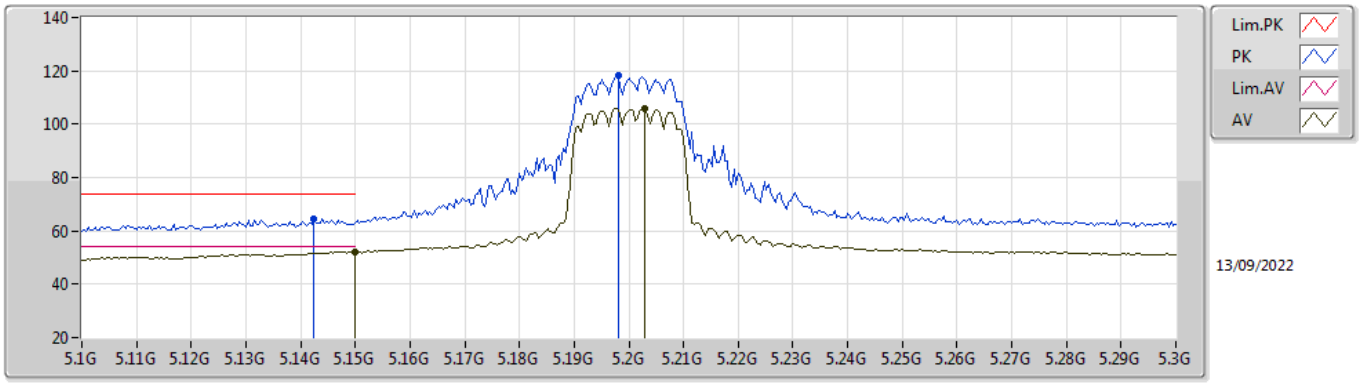


EUT Y_2TX
Setting 13
02-F-C-6

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.37224G	54.01	68.20	-14.19	39.76	3	Horizontal	301	1.80	-	38.63	7.45	31.83
PK	15.54912G	58.96	74.00	-15.04	42.71	3	Horizontal	220	1.98	-	37.81	9.80	31.36
AV	15.5394G	45.99	54.00	-8.01	29.69	3	Horizontal	220	1.98	-	37.86	9.79	31.35

802.11ax HEW20_Nss1,(MCS0)_2TX

5200MHz_TnomVnom

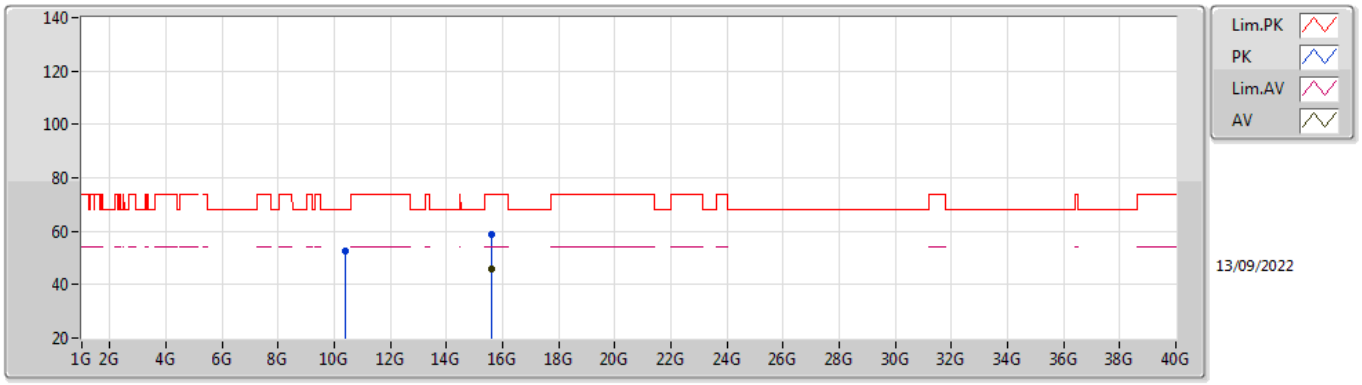


EUT Y_2TX
Setting 14.5
02-F-C-6-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1424G	64.57	74.00	-9.43	56.48	3	Vertical	328	1.90	-	33.58	5.24	30.73
AV	5.15G	52.14	54.00	-1.86	44.02	3	Vertical	328	1.90	-	33.60	5.25	30.73
PK	5.198G	118.42	Inf	-Inf	110.15	3	Vertical	328	1.90	-	33.70	5.30	30.73
AV	5.2028G	105.83	Inf	-Inf	97.56	3	Vertical	328	1.90	-	33.70	5.30	30.73

802.11ax HEW20_Nss1,(MCS0)_2TX

5200MHz_TnomVnom

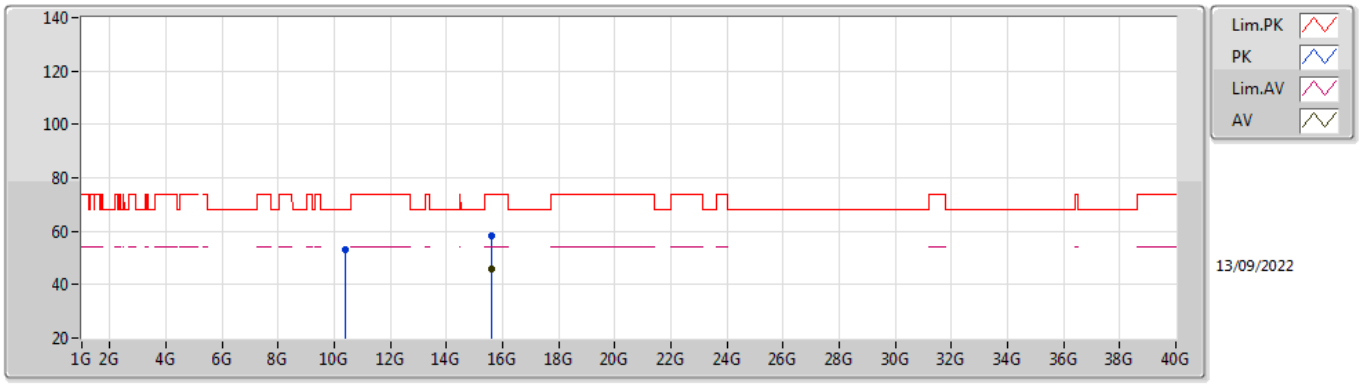


EUT Y_2TX
Setting 14.5
02-F-C-6

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.40126G	52.80	68.20	-15.40	38.57	3	Vertical	255	2.38	-	38.60	7.46	31.83
PK	15.59496G	58.58	74.00	-15.42	42.61	3	Vertical	136	2.95	-	37.53	9.82	31.38
AV	15.60408G	45.83	54.00	-8.17	29.89	3	Vertical	136	2.95	-	37.50	9.82	31.38

802.11ax HEW20_Nss1,(MCS0)_2TX

5200MHz_TnomVnom

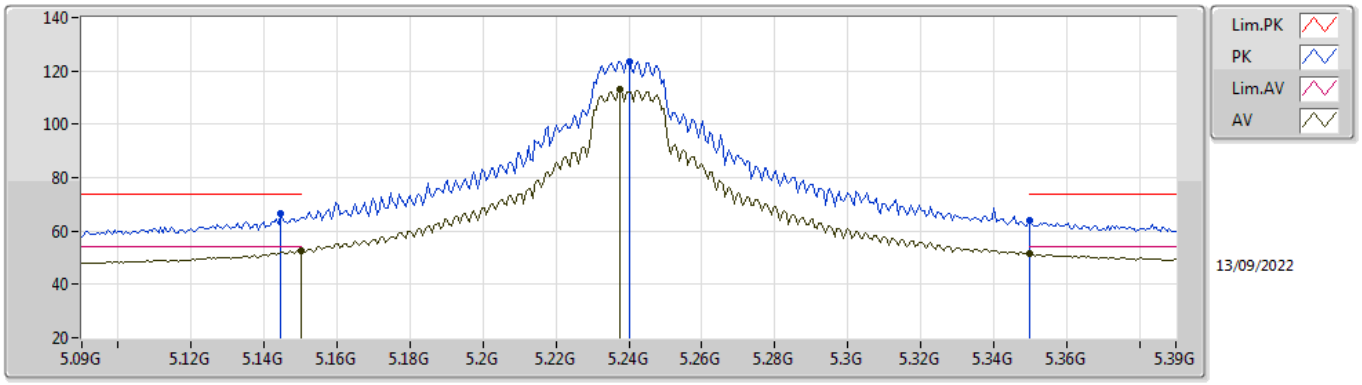


EUT Y_2TX
Setting 14.5
02-F-C-6

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.41458G	53.25	68.20	-14.95	39.02	3	Horizontal	198	2.05	-	38.60	7.47	31.84
PK	15.60774G	58.29	74.00	-15.71	42.36	3	Horizontal	290	2.97	-	37.50	9.82	31.39
AV	15.61428G	45.77	54.00	-8.23	29.83	3	Horizontal	290	2.97	-	37.50	9.83	31.39

802.11ax HEW20_Nss1,(MCS0)_2TX

5240MHz_TnomVnom

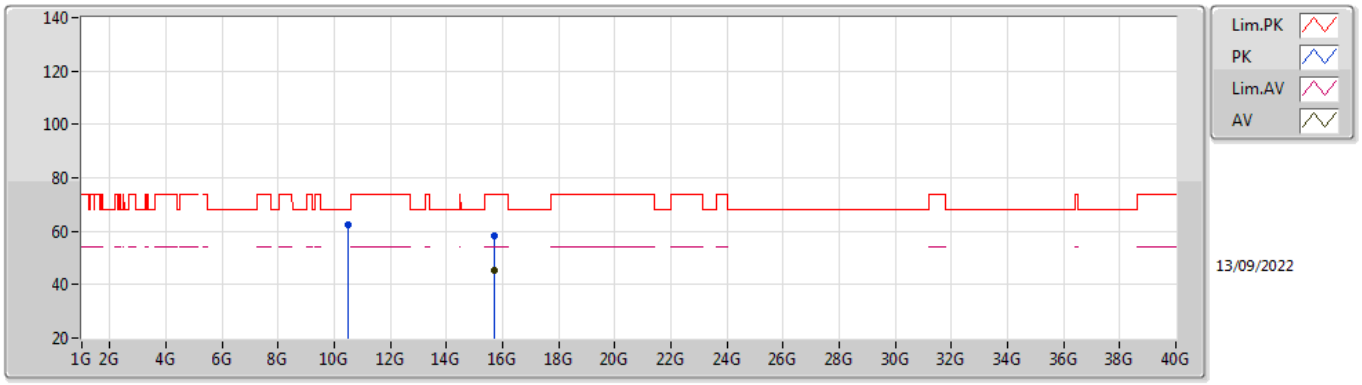


EUT Y_2TX
Setting 23
02-F-C-6-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1446G	66.65	74.00	-7.35	58.55	3	Vertical	327	1.86	-	33.59	5.24	30.73
AV	5.15G	52.71	54.00	-1.29	44.59	3	Vertical	327	1.86	-	33.60	5.25	30.73
PK	5.24G	123.65	Inf	-Inf	115.36	3	Vertical	327	1.86	-	33.70	5.32	30.73
AV	5.2376G	112.85	Inf	-Inf	104.56	3	Vertical	327	1.86	-	33.70	5.32	30.73
PK	5.35G	64.22	74.00	-9.78	55.66	3	Vertical	327	1.86	-	33.90	5.38	30.72
AV	5.35G	51.34	54.00	-2.66	42.78	3	Vertical	327	1.86	-	33.90	5.38	30.72

802.11ax HEW20_Nss1,(MCS0)_2TX

5240MHz_TnomVnom

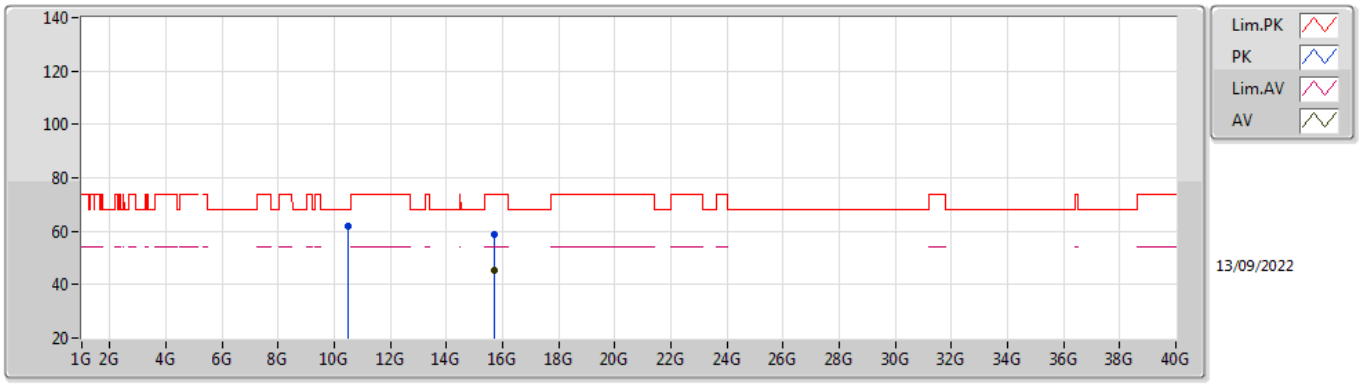


EUT Y_2TX
Setting 23
02-F-C-6

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.48282G	62.44	68.20	-5.76	48.20	3	Vertical	19	1.80	-	38.60	7.49	31.85
PK	15.71844G	58.12	74.00	-15.88	42.19	3	Vertical	78	2.28	-	37.50	9.87	31.44
AV	15.7209G	45.36	54.00	-8.64	29.43	3	Vertical	78	2.28	-	37.50	9.87	31.44

802.11ax HEW20_Nss1,(MCS0)_2TX

5240MHz_TnomVnom

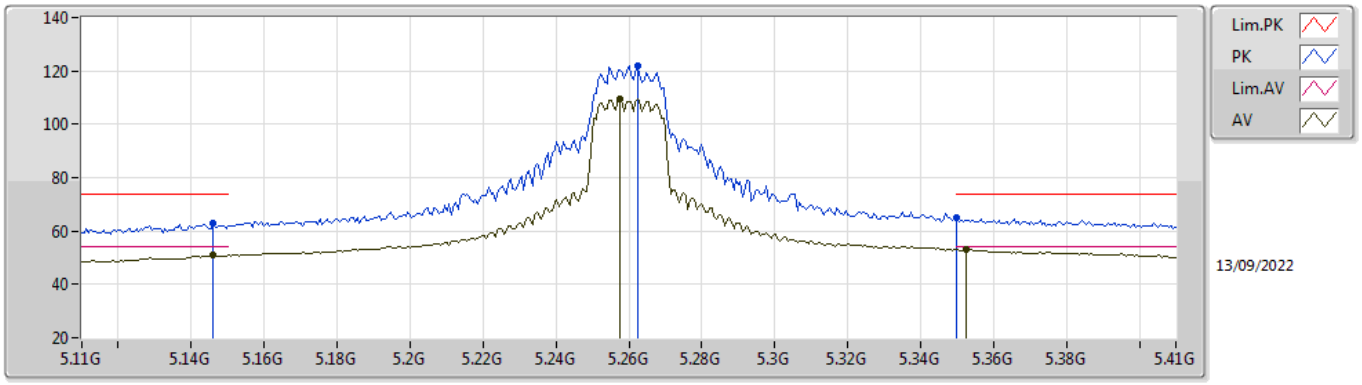


EUT Y_2TX
Setting 23
02-F-C-6

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.47766G	61.64	68.20	-6.56	47.40	3	Horizontal	318	1.77	-	38.60	7.49	31.85
PK	15.71394G	59.00	74.00	-15.00	43.07	3	Horizontal	124	2.42	-	37.50	9.87	31.44
AV	15.70722G	45.40	54.00	-8.60	29.47	3	Horizontal	124	2.42	-	37.50	9.87	31.44

802.11ax HEW20_Nss1,(MCS0)_2TX

5260MHz_TnomVnom

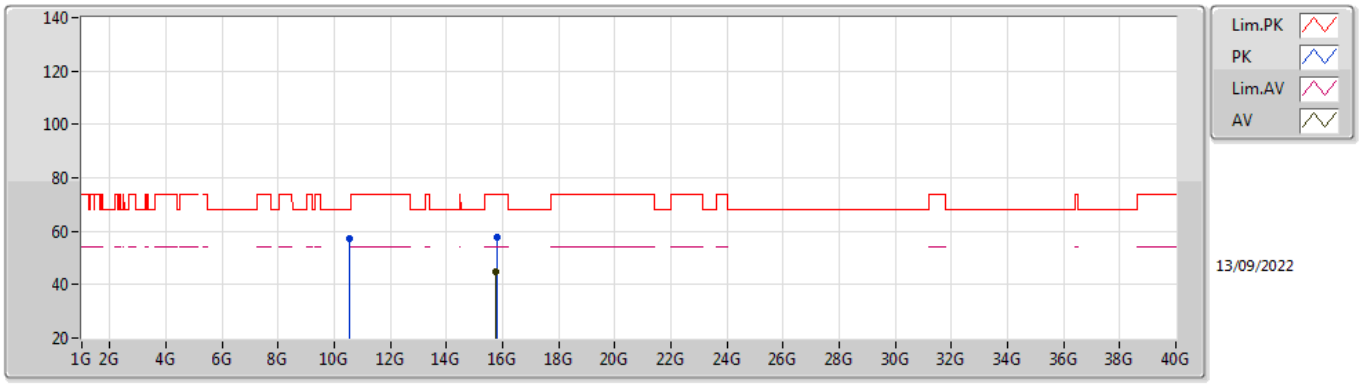


EUT Y_2TX
Setting 18
02-F-C-6-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.146G	62.81	74.00	-11.19	54.70	3	Vertical	326	1.86	-	33.59	5.25	30.73
AV	5.146G	50.84	54.00	-3.16	42.73	3	Vertical	326	1.86	-	33.59	5.25	30.73
PK	5.2624G	121.87	Inf	-Inf	113.54	3	Vertical	326	1.86	-	33.72	5.33	30.72
AV	5.2576G	109.72	Inf	-Inf	101.39	3	Vertical	326	1.86	-	33.72	5.33	30.72
PK	5.35G	64.96	74.00	-9.04	56.40	3	Vertical	326	1.86	-	33.90	5.38	30.72
AV	5.3524G	52.97	54.00	-1.03	44.41	3	Vertical	326	1.86	-	33.90	5.38	30.72

802.11ax HEW20_Nss1,(MCS0)_2TX

5260MHz_TnomVnom

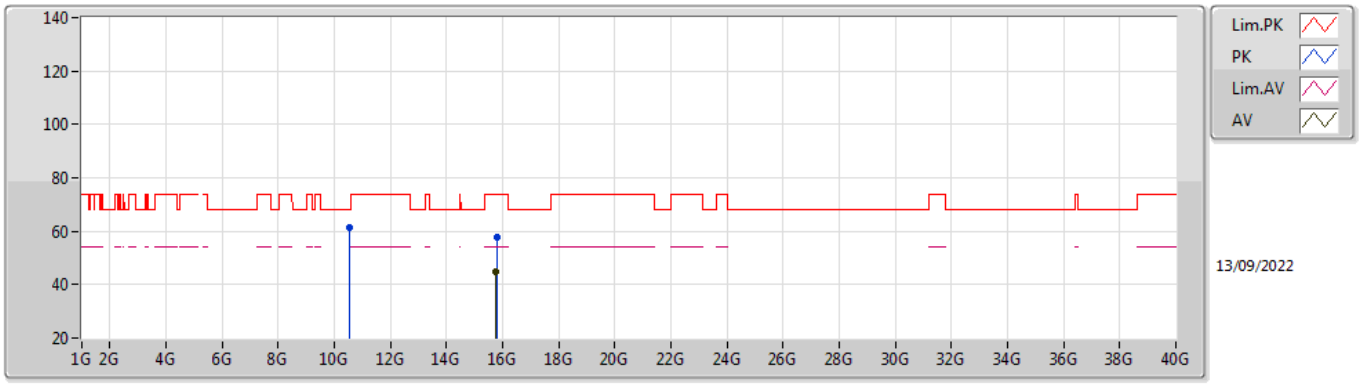


EUT Y_2TX
Setting 18
02-F-C-6

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.51736G	57.38	68.20	-10.82	43.14	3	Vertical	32	2.01	-	38.58	7.51	31.85
PK	15.79164G	57.60	74.00	-16.40	41.67	3	Vertical	241	2.12	-	37.50	9.91	31.48
AV	15.77148G	45.07	54.00	-8.93	29.14	3	Vertical	241	2.12	-	37.50	9.90	31.47

802.11ax HEW20_Nss1,(MCS0)_2TX

5260MHz_TnomVnom

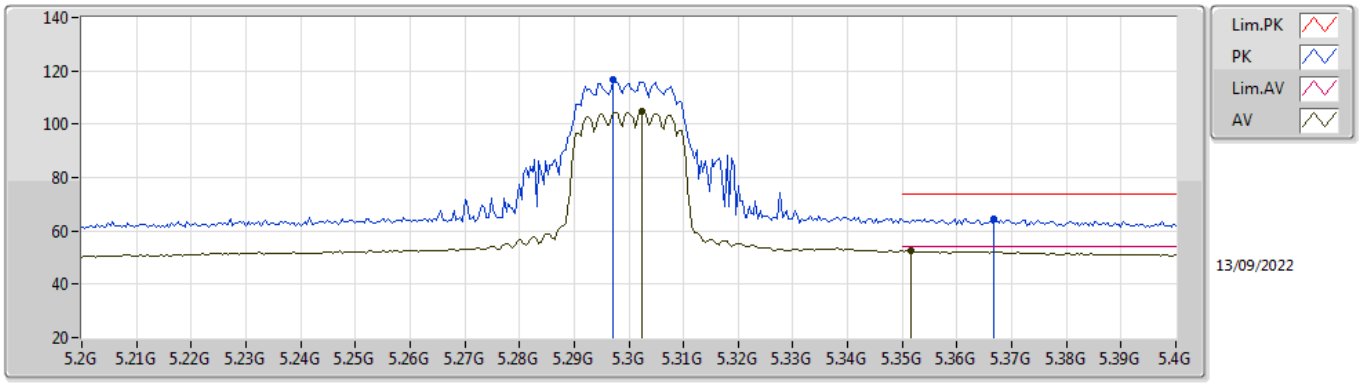


EUT Y_2TX
Setting 18
02-F-C-6

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.51976G	61.49	68.20	-6.71	47.25	3	Horizontal	18	1.95	-	38.58	7.51	31.85
PK	15.79392G	57.54	74.00	-16.46	41.61	3	Horizontal	13	1.10	-	37.50	9.91	31.48
AV	15.7707G	44.97	54.00	-9.03	29.04	3	Horizontal	13	1.10	-	37.50	9.90	31.47

802.11ax HEW20_Nss1,(MCS0)_2TX

5300MHz_TnomVnom

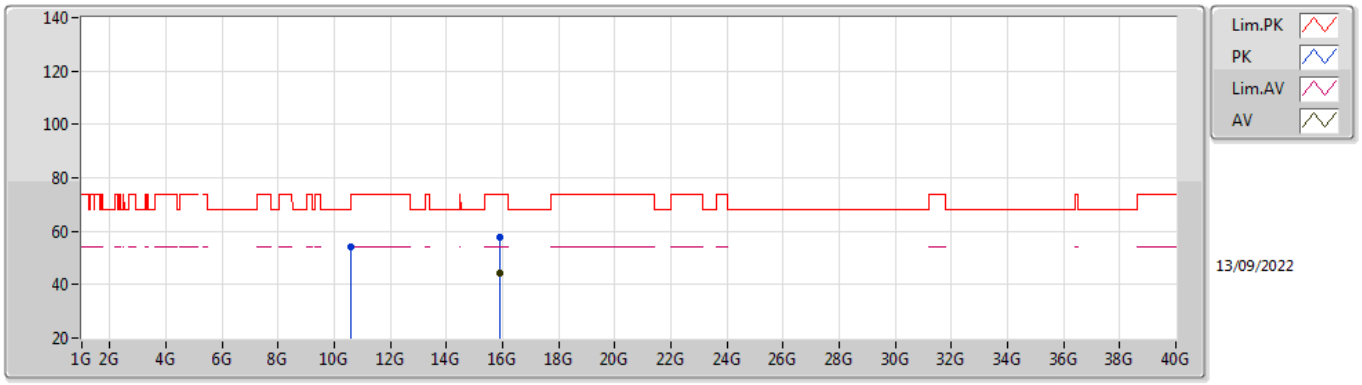


EUT Y_2TX
Setting 12.5
02-F-C-6-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.2972G	116.55	Inf	-Inf	108.13	3	Vertical	326	1.80	-	33.79	5.35	30.72
AV	5.3024G	104.92	Inf	-Inf	96.49	3	Vertical	326	1.80	-	33.80	5.35	30.72
PK	5.3668G	64.74	74.00	-9.26	56.15	3	Vertical	326	1.80	-	33.93	5.38	30.72
AV	5.3516G	52.45	54.00	-1.55	43.89	3	Vertical	326	1.80	-	33.90	5.38	30.72

802.11ax HEW20_Nss1,(MCS0)_2TX

5300MHz_TnomVnom

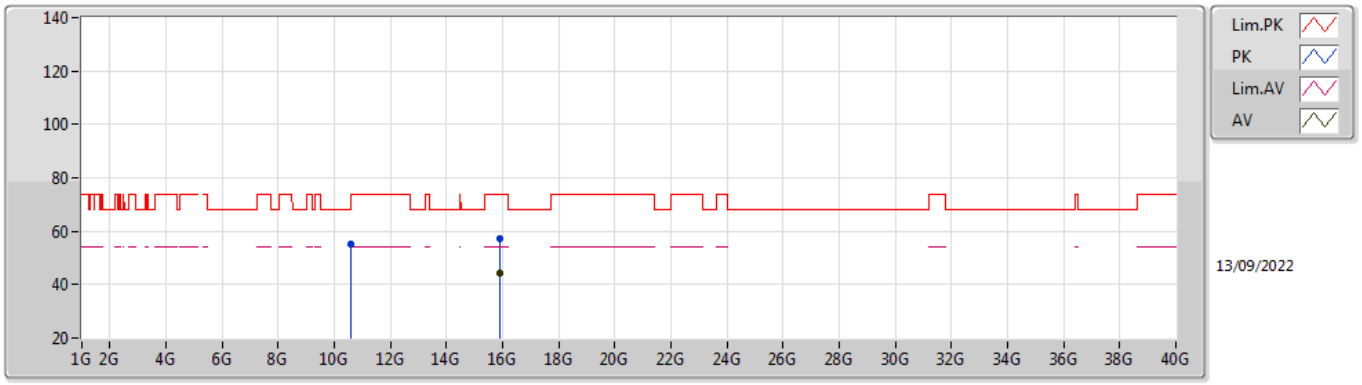


EUT Y_2TX
Setting 12.5
02-F-C-6

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.59934G	54.00	68.20	-14.20	39.82	3	Vertical	30	1.86	-	38.50	7.54	31.86
PK	15.88956G	57.62	74.00	-16.38	41.88	3	Vertical	126	2.66	-	37.32	9.95	31.53
AV	15.90912G	44.50	54.00	-9.50	28.78	3	Vertical	126	2.66	-	37.30	9.96	31.54

802.11ax HEW20_Nss1,(MCS0)_2TX

5300MHz_TnomVnom

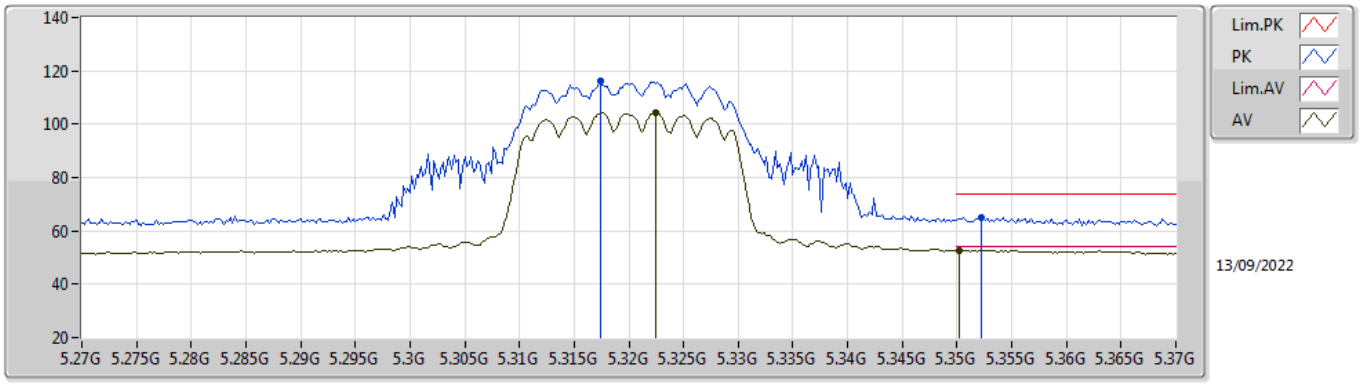


EUT Y_2TX
Setting 12.5
02-F-C-6

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.59418G	55.20	68.20	-13.00	41.01	3	Horizontal	19	1.89	-	38.51	7.54	31.86
PK	15.90642G	57.33	74.00	-16.67	41.61	3	Horizontal	312	2.09	-	37.30	9.96	31.54
AV	15.90186G	44.23	54.00	-9.77	28.51	3	Horizontal	312	2.09	-	37.30	9.96	31.54

802.11ax HEW20_Nss1,(MCS0)_2TX

5320MHz_TnomVnom

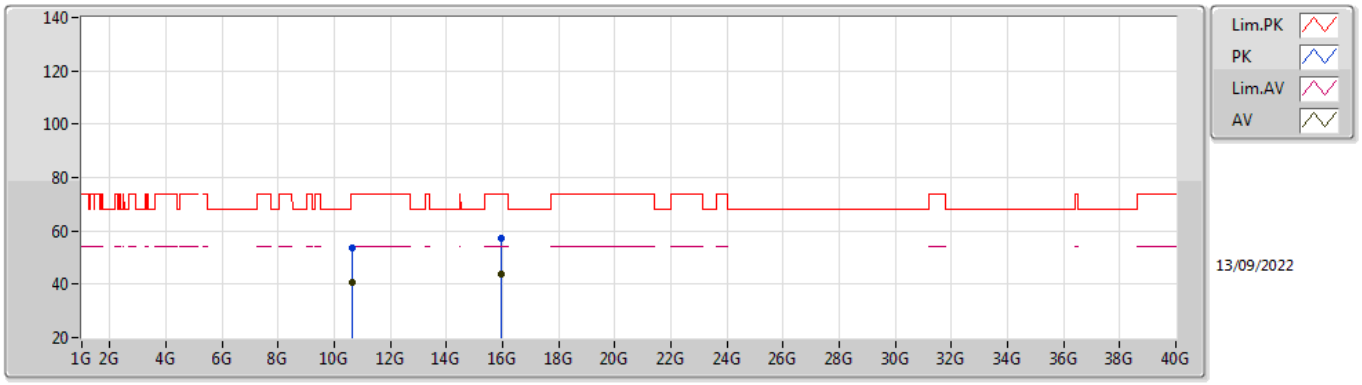


EUT Y_2TX
Setting 11.5
02-F-C-6-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.3174G	116.34	Inf	-Inf	107.87	3	Vertical	326	1.80	-	33.83	5.36	30.72
AV	5.3224G	104.16	Inf	-Inf	95.68	3	Vertical	326	1.80	-	33.84	5.36	30.72
PK	5.3522G	65.13	74.00	-8.87	56.57	3	Vertical	326	1.80	-	33.90	5.38	30.72
AV	5.3502G	52.76	54.00	-1.24	44.20	3	Vertical	326	1.80	-	33.90	5.38	30.72

802.11ax HEW20_Nss1,(MCS0)_2TX

5320MHz_TnomVnom

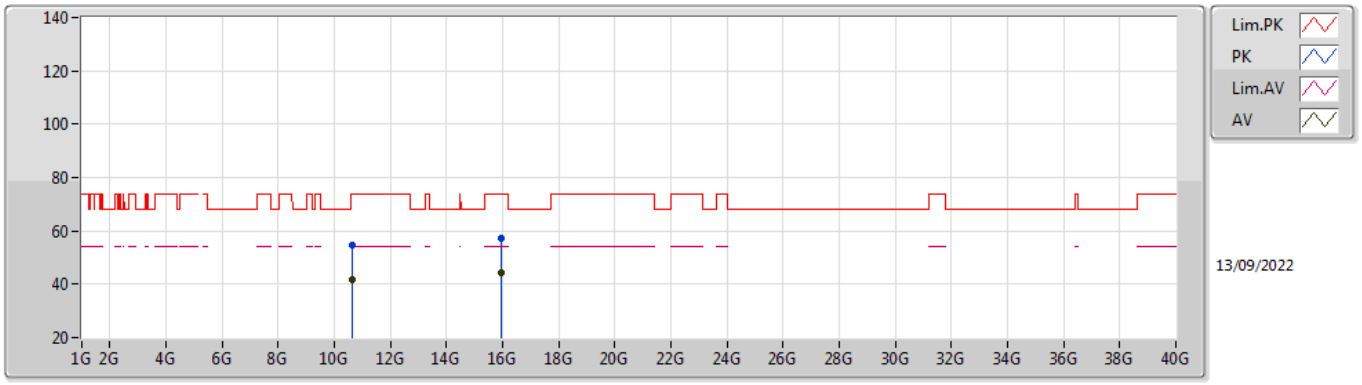


EUT Y_2TX
Setting 11.5
02-F-C-6

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.64426G	53.75	74.00	-20.25	39.56	3	Vertical	30	1.80	-	38.50	7.56	31.87
AV	10.6415G	40.72	54.00	-13.28	26.53	3	Vertical	30	1.80	-	38.50	7.56	31.87
PK	15.96744G	57.12	74.00	-16.88	41.40	3	Vertical	303	2.86	-	37.30	9.99	31.57
AV	15.97482G	43.98	54.00	-10.02	28.27	3	Vertical	303	2.86	-	37.30	9.99	31.58

802.11ax HEW20_Nss1,(MCS0)_2TX

5320MHz_TnomVnom

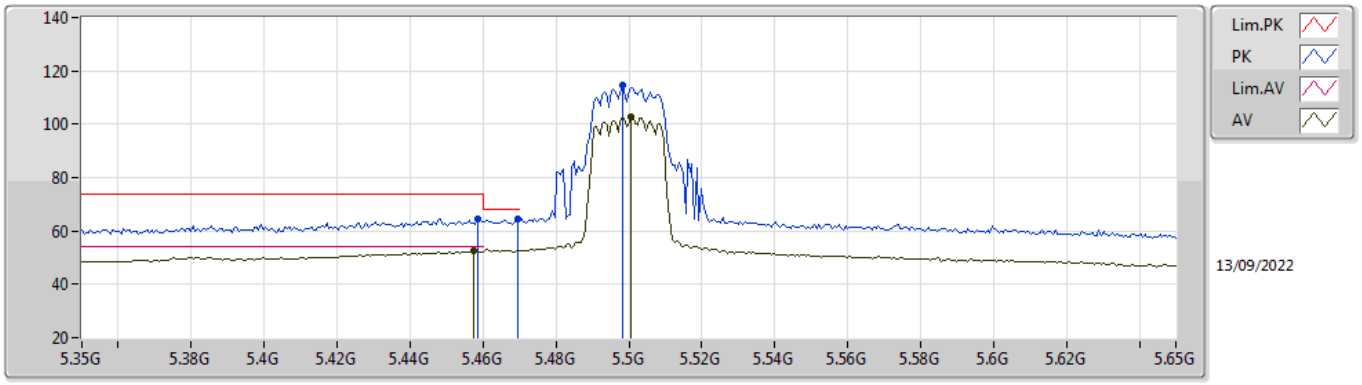


EUT Y_2TX
Setting 11.5
02-F-C-6

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.63682G	54.53	74.00	-19.47	40.35	3	Horizontal	7	2.56	-	38.50	7.55	31.87
AV	10.63904G	41.66	54.00	-12.34	27.47	3	Horizontal	7	2.56	-	38.50	7.56	31.87
PK	15.95484G	57.36	74.00	-16.64	41.65	3	Horizontal	178	1.80	-	37.30	9.98	31.57
AV	15.96024G	44.13	54.00	-9.87	28.42	3	Horizontal	178	1.80	-	37.30	9.98	31.57

802.11ax HEW20_Nss1,(MCS0)_2TX

5500MHz_TnomVnom

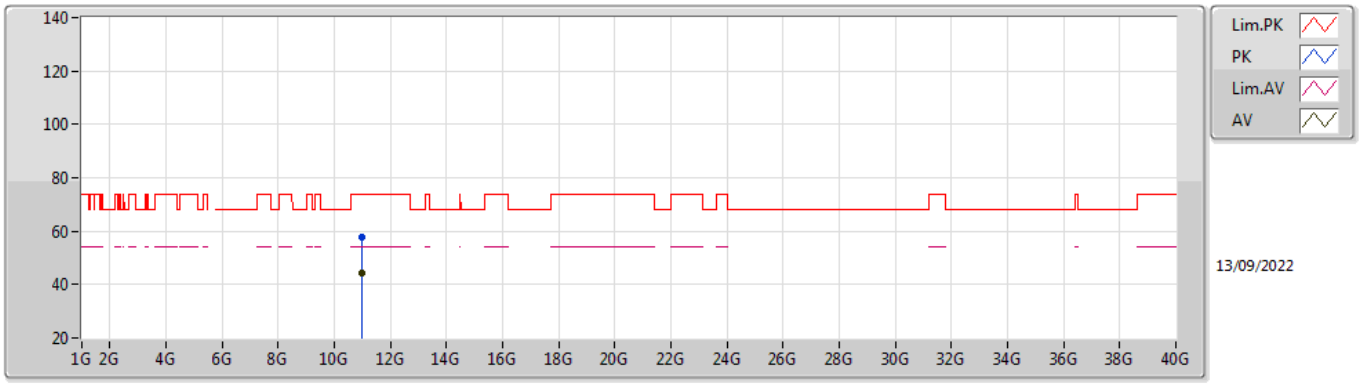


EUT Y_2TX
Setting 10
06-E-S-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.4586G	64.70	74.00	-9.30	59.71	3	Vertical	0	1.88	-	31.73	5.76	32.50
AV	5.4574G	52.48	54.00	-1.52	47.48	3	Vertical	0	1.88	-	31.73	5.76	32.49
PK	5.4694G	64.32	68.20	-3.88	59.27	3	Vertical	0	1.88	-	31.78	5.77	32.50
PK	5.4982G	114.69	Inf	-Inf	109.50	3	Vertical	0	1.88	-	31.89	5.80	32.50
AV	5.5006G	102.94	Inf	-Inf	97.74	3	Vertical	0	1.88	-	31.90	5.80	32.50

802.11ax HEW20_Nss1,(MCS0)_2TX

5500MHz_TnomVnom

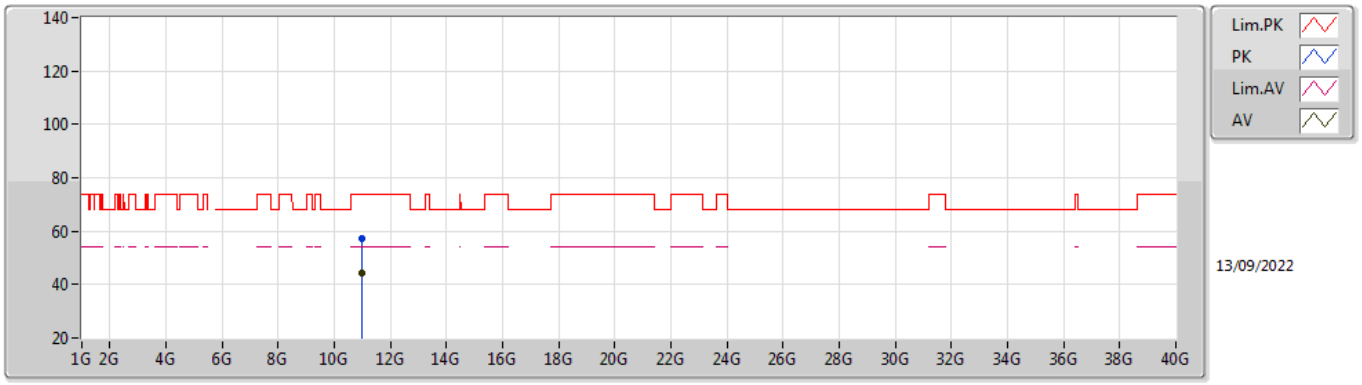


EUT Y_2TX
Setting 10
06-E-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.00192G	57.84	74.00	-16.16	43.00	3	Vertical	350	2.61	-	40.59	8.90	34.65
AV	10.99616G	44.11	54.00	-9.89	29.26	3	Vertical	350	2.61	-	40.60	8.90	34.65

802.11ax HEW20_Nss1,(MCS0)_2TX

5500MHz_TnomVnom

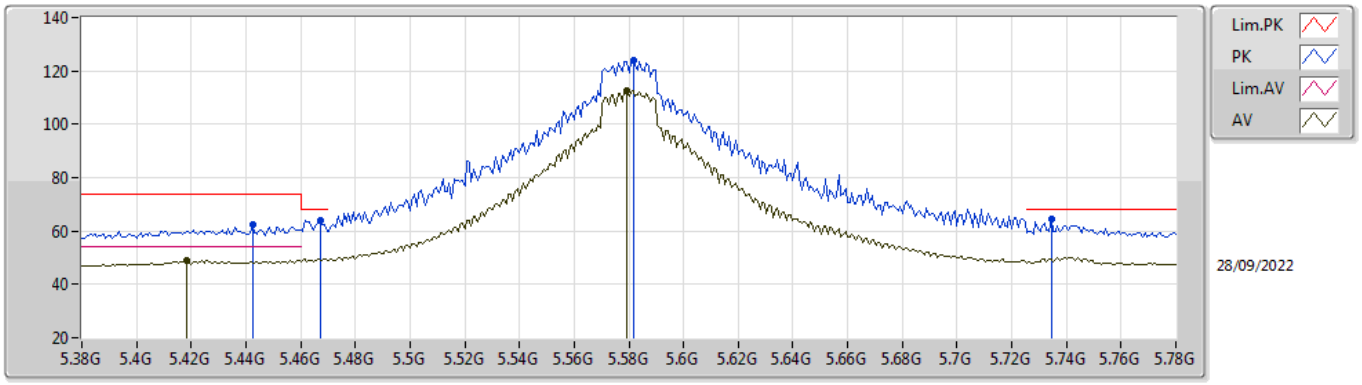


EUT Y_2TX
Setting 10
06-E-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.99678G	57.20	74.00	-16.80	42.35	3	Horizontal	213	2.85	-	40.60	8.90	34.65
AV	10.99878G	44.46	54.00	-9.54	29.61	3	Horizontal	213	2.85	-	40.60	8.90	34.65

802.11ax HEW20_Nss1,(MCS0)_2TX

5580MHz_TnomVnom

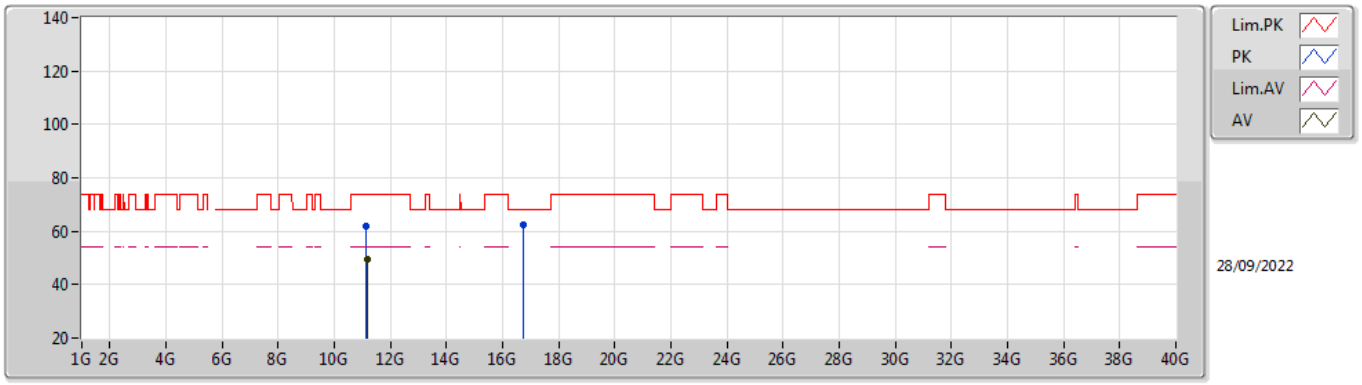


EUT Y_2TX
Setting 23
02-F-C-6-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.4424G	62.19	74.00	-11.81	53.47	3	Vertical	360	2.26	-	34.00	5.44	30.72
AV	5.4184G	49.03	54.00	-4.97	40.33	3	Vertical	360	2.26	-	34.00	5.42	30.72
PK	5.4672G	64.14	68.20	-4.06	55.39	3	Vertical	360	2.26	-	34.00	5.47	30.72
PK	5.5816G	124.11	Inf	-Inf	115.37	3	Vertical	360	2.26	-	33.94	5.58	30.78
AV	5.5792G	112.84	Inf	-Inf	104.10	3	Vertical	360	2.26	-	33.94	5.58	30.78
PK	5.7344G	64.57	68.20	-3.63	56.04	3	Vertical	360	2.26	-	33.83	5.60	30.90

802.11ax HEW20_Nss1,(MCS0)_2TX

5580MHz_TnomVnom

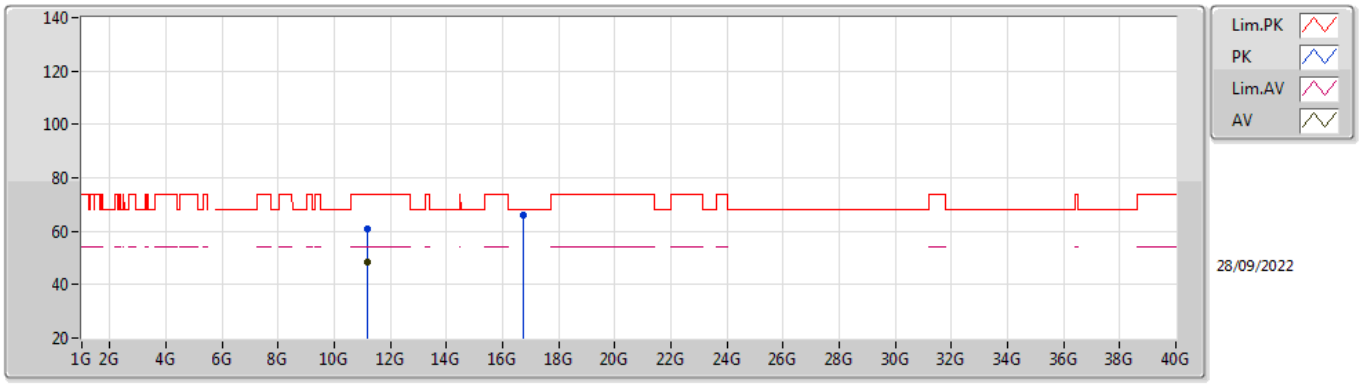


EUT Y_2TX
Setting 23
02-F-C-6

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.15368G	61.84	74.00	-12.16	47.31	3	Vertical	306	1.95	-	38.75	7.76	31.98
AV	11.15704G	49.53	54.00	-4.47	34.99	3	Vertical	306	1.95	-	38.76	7.76	31.98
PK	16.73296G	62.17	68.20	-6.03	42.58	3	Vertical	333	1.80	-	39.86	10.37	30.64

802.11ax HEW20_Nss1,(MCS0)_2TX

5580MHz_TnomVnom

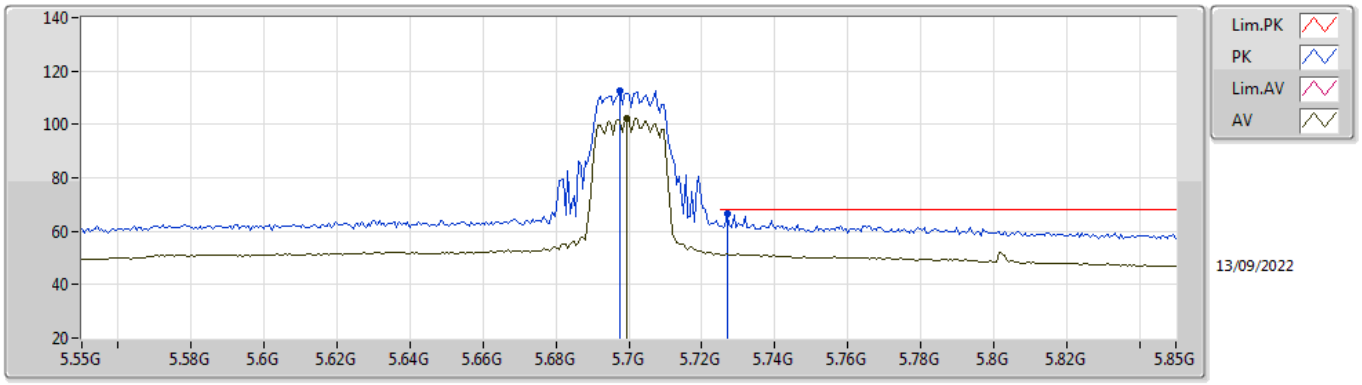


EUT Y_2TX
Setting 23
02-F-C-6

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.1596G	60.95	74.00	-13.05	46.41	3	Horizontal	309	2.80	-	38.76	7.76	31.98
AV	11.16208G	48.50	54.00	-5.50	33.96	3	Horizontal	309	2.80	-	38.76	7.76	31.98
PK	16.74288G	65.86	68.20	-2.34	46.18	3	Horizontal	352	1.85	-	39.94	10.37	30.63

802.11ax HEW20_Nss1,(MCS0)_2TX

5700MHz_TnomVnom

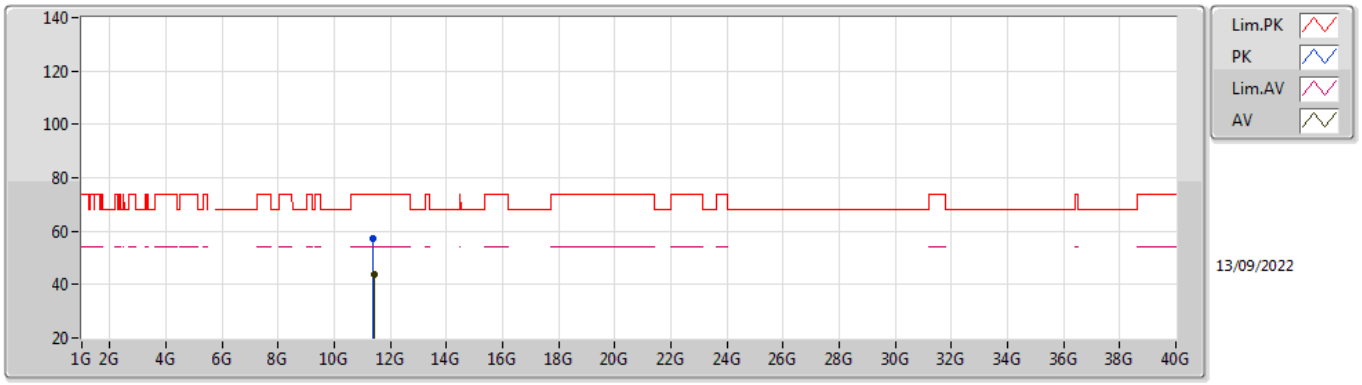


EUT Y_2TX
Setting 12
06-E-S-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.6976G	112.69	Inf	-Inf	107.24	3	Vertical	0	2.02	-	31.99	5.90	32.44
AV	5.6994G	102.02	Inf	-Inf	96.56	3	Vertical	0	2.02	-	32.00	5.90	32.44
PK	5.727G	66.74	68.20	-1.46	61.16	3	Vertical	0	2.02	-	32.11	5.90	32.43

802.11ax HEW20_Nss1,(MCS0)_2TX

5700MHz_TnomVnom

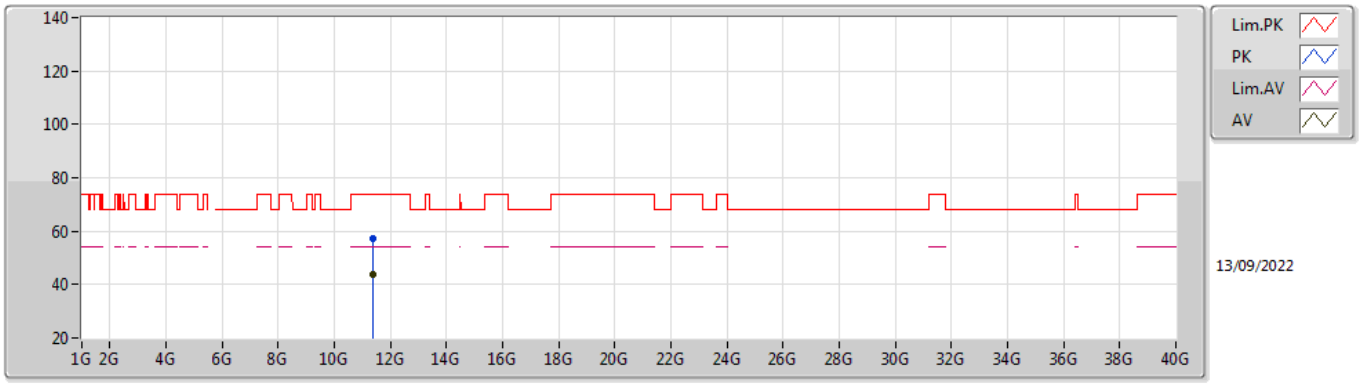


EUT Y_2TX
Setting 12
06-E-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.40154G	57.07	74.00	-16.93	42.46	3	Vertical	326	1.67	-	40.10	9.14	34.63
AV	11.40262G	43.82	54.00	-10.18	29.21	3	Vertical	326	1.67	-	40.10	9.14	34.63

802.11ax HEW20_Nss1,(MCS0)_2TX

5700MHz_TnomVnom

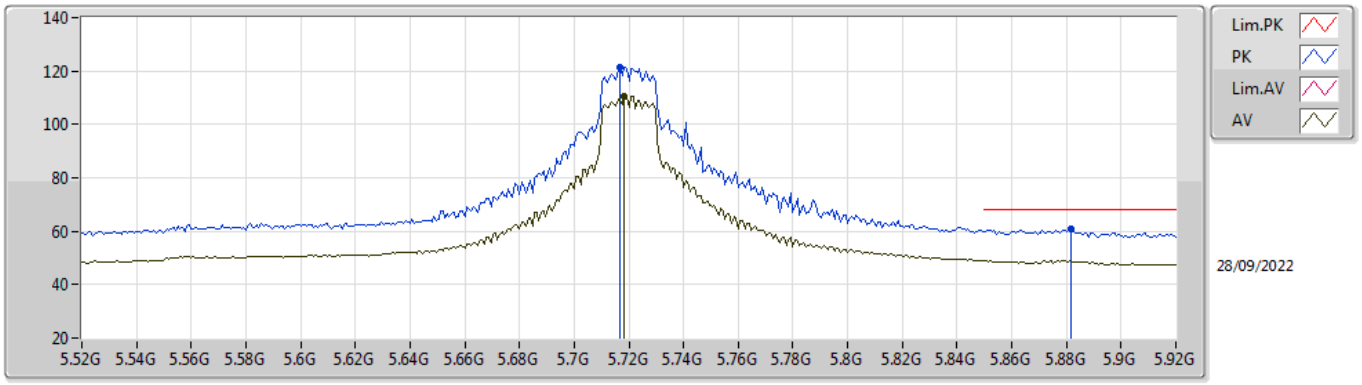


EUT Y_2TX
Setting 12
06-E-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.39766G	57.45	74.00	-16.55	42.84	3	Horizontal	203	1.74	-	40.10	9.14	34.63
AV	11.3953G	43.82	54.00	-10.18	29.22	3	Horizontal	203	1.74	-	40.09	9.14	34.63

802.11ax HEW20_Nss1,(MCS0)_2TX

5720MHz Straddle 5.47-5.725GHz_TnomVnom

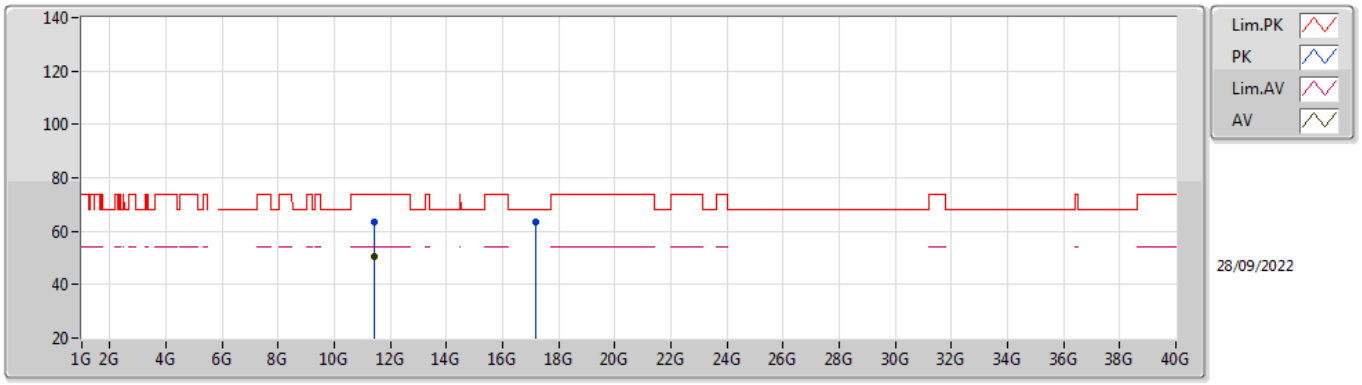


EUT Y_2TX
Setting 20
02-F-C-6-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.7168G	121.42	Inf	-Inf	112.83	3	Vertical	307	2.47	-	33.87	5.60	30.88
AV	5.7184G	110.46	Inf	-Inf	101.89	3	Vertical	307	2.47	-	33.86	5.60	30.89
PK	5.8816G	60.63	68.20	-7.57	51.97	3	Vertical	307	2.47	-	33.99	5.68	31.01

802.11ax HEW20_Nss1,(MCS0)_2TX

5720MHz Straddle 5.47-5.725GHz_TnomVnom

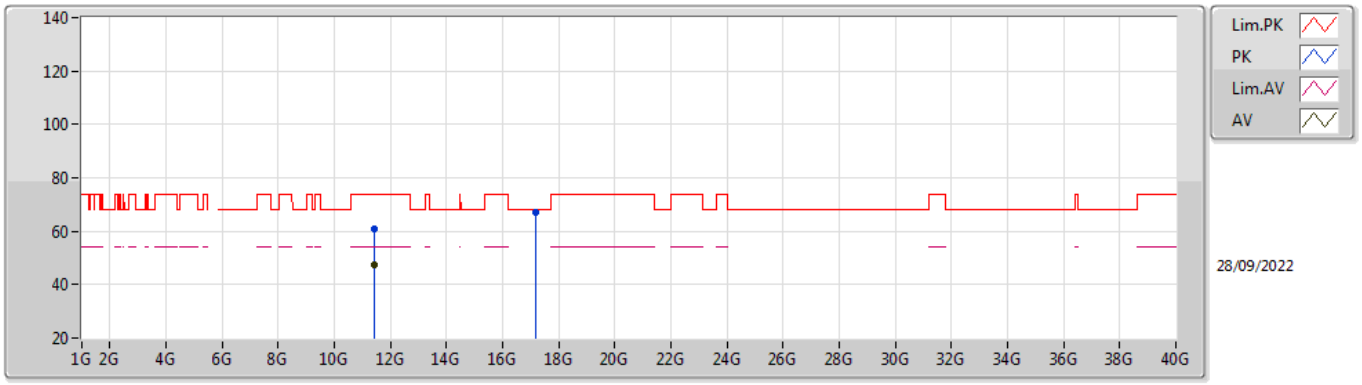


EUT Y_2TX
Setting 20
02-F-C-6

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.44948G	63.69	74.00	-10.31	49.01	3	Vertical	346	2.02	-	38.90	7.88	32.10
AV	11.44186G	50.62	54.00	-3.38	35.96	3	Vertical	346	2.02	-	38.88	7.88	32.10
PK	17.16222G	63.42	68.20	-4.78	41.31	3	Vertical	13	1.80	-	41.77	10.58	30.24

802.11ax HEW20_Nss1,(MCS0)_2TX

5720MHz Straddle 5.47-5.725GHz_TnomVnom

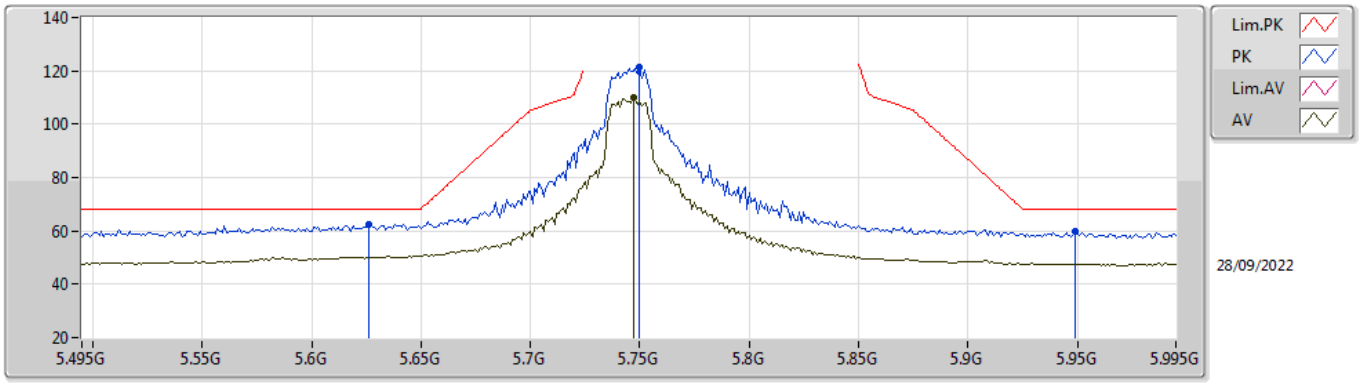


EUT Y_2TX
Setting 20
02-F-C-6

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.44414G	60.91	74.00	-13.09	46.24	3	Horizontal	29	2.77	-	38.89	7.88	32.10
AV	11.44192G	47.33	54.00	-6.67	32.67	3	Horizontal	29	2.77	-	38.88	7.88	32.10
PK	17.1633G	67.18	68.20	-1.02	45.06	3	Horizontal	49	1.48	-	41.78	10.58	30.24

802.11ax HEW20_Nss1,(MCS0)_2TX

5745MHz_TnomVnom

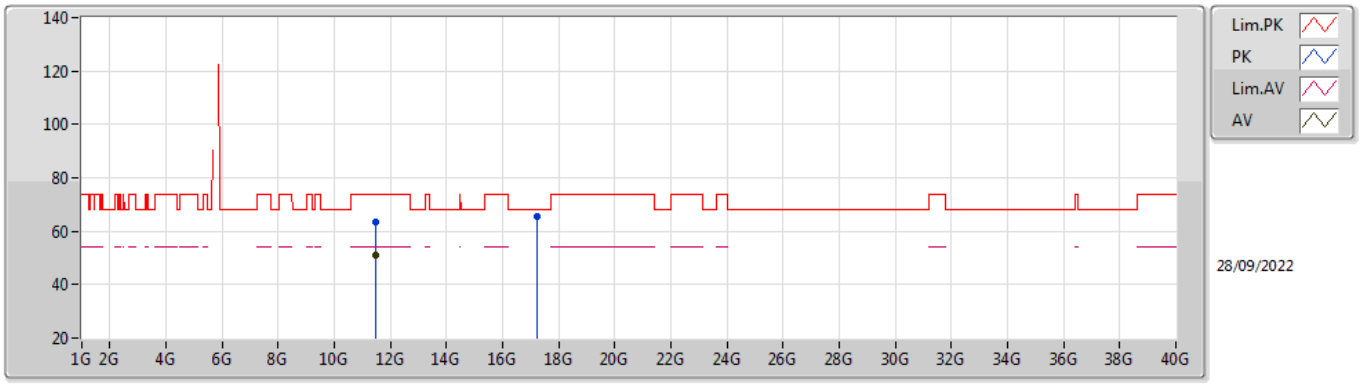


EUT Y_2TX
Setting 20
02-F-C-6-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.626G	62.64	68.20	-5.56	54.01	3	Vertical	308	2.37	-	33.85	5.60	30.82
PK	5.75G	121.18	Inf	-Inf	112.69	3	Vertical	308	2.37	-	33.80	5.60	30.91
AV	5.747G	109.76	Inf	-Inf	101.26	3	Vertical	308	2.37	-	33.81	5.60	30.91
PK	5.949G	59.61	68.20	-8.59	50.72	3	Vertical	308	2.37	-	34.20	5.75	31.06

802.11ax HEW20_Nss1,(MCS0)_2TX

5745MHz_TnomVnom

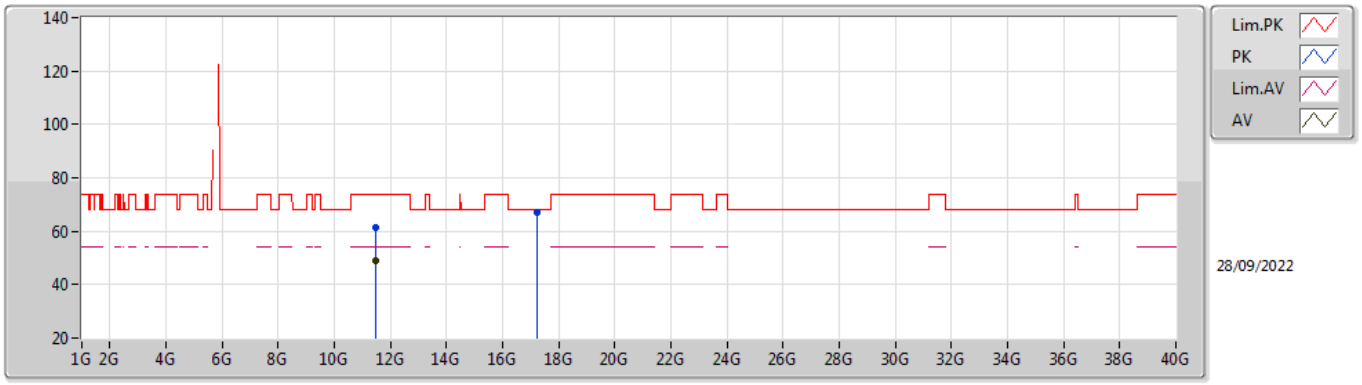


EUT Y_2TX
Setting 20
02-F-C-6

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.4942G	63.68	74.00	-10.32	48.91	3	Vertical	306	1.68	-	38.99	7.90	32.12
AV	11.48934G	51.21	54.00	-2.79	36.45	3	Vertical	306	1.68	-	38.98	7.90	32.12
PK	17.22588G	65.61	68.20	-2.59	43.11	3	Vertical	42	2.32	-	42.13	10.61	30.24

802.11ax HEW20_Nss1,(MCS0)_2TX

5745MHz_TnomVnom

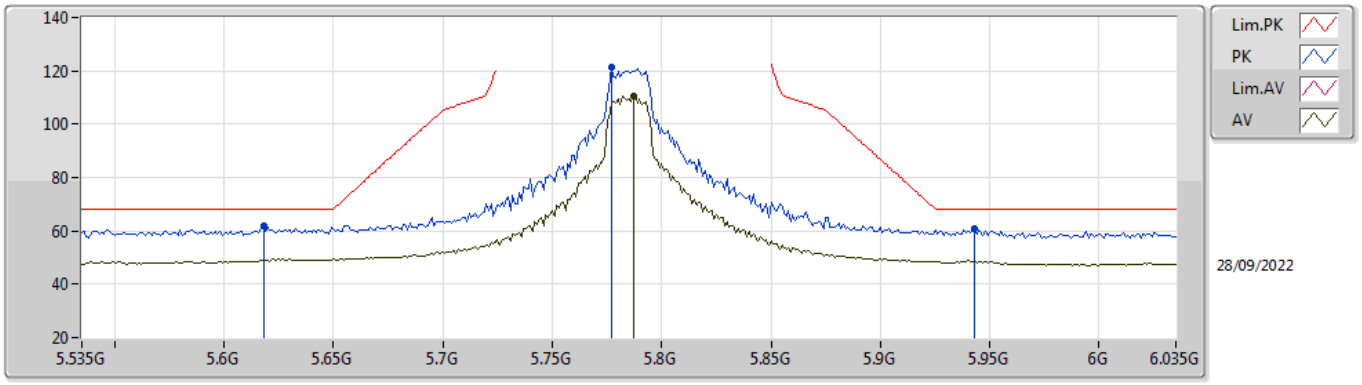


EUT Y_2TX
Setting 20
02-F-C-6

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.49186G	61.29	74.00	-12.71	46.53	3	Horizontal	48	2.77	-	38.98	7.90	32.12
AV	11.4894G	49.15	54.00	-4.85	34.39	3	Horizontal	48	2.77	-	38.98	7.90	32.12
PK	17.23908G	67.02	68.20	-1.18	44.44	3	Horizontal	153	1.73	-	42.20	10.62	30.24

802.11ax HEW20_Nss1,(MCS0)_2TX

5785MHz_TnomVnom

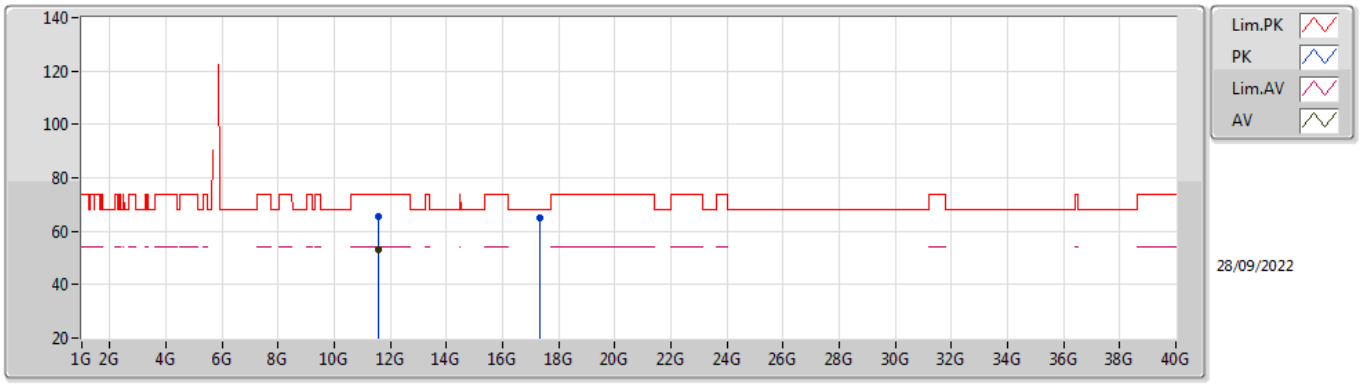


EUT Y_2TX
Setting 20.5
02-F-C-6-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.618G	61.77	68.20	-6.43	53.12	3	Vertical	306	2.48	-	33.86	5.60	30.81
PK	5.777G	121.56	Inf	-Inf	113.09	3	Vertical	306	2.48	-	33.80	5.60	30.93
AV	5.787G	110.36	Inf	-Inf	101.90	3	Vertical	306	2.48	-	33.80	5.60	30.94
PK	5.943G	60.81	68.20	-7.39	51.94	3	Vertical	306	2.48	-	34.19	5.74	31.06

802.11ax HEW20_Nss1,(MCS0)_2TX

5785MHz_TnomVnom

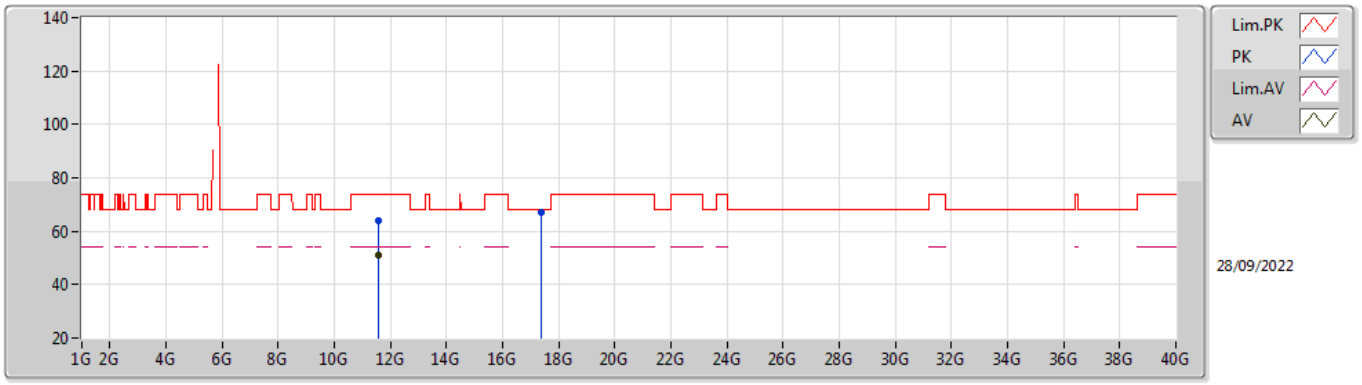


EUT Y_2TX
Setting 20.5
02-F-C-6

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.56874G	65.58	74.00	-8.42	50.60	3	Vertical	311	1.52	-	39.21	7.93	32.16
AV	11.57186G	52.97	54.00	-1.03	37.98	3	Vertical	311	1.52	-	39.22	7.93	32.16
PK	17.34504G	64.96	68.20	-3.24	41.75	3	Vertical	80	2.02	-	42.77	10.67	30.23

802.11ax HEW20_Nss1,(MCS0)_2TX

5785MHz_TnomVnom

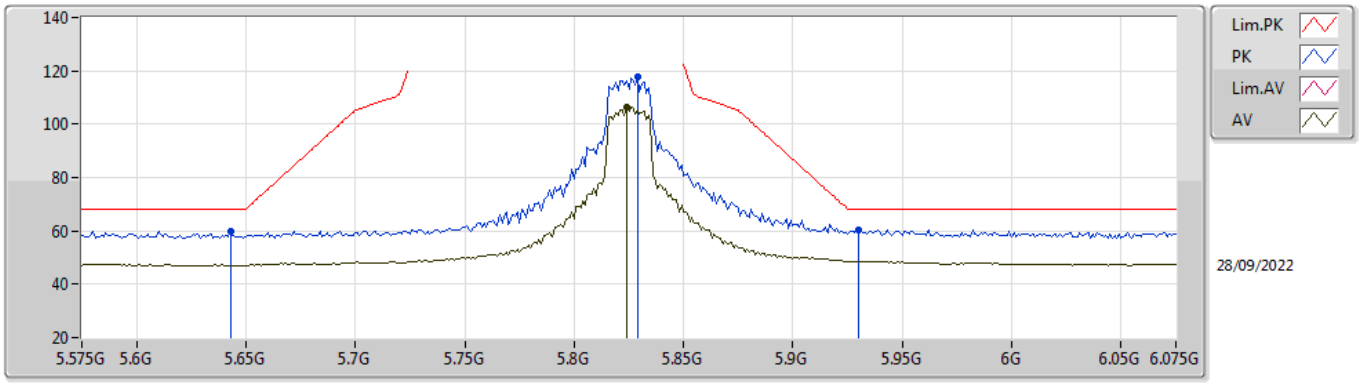


EUT Y_2TX
Setting 20.5
02-F-C-6

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.56682G	63.75	74.00	-10.25	48.78	3	Horizontal	50	2.74	-	39.20	7.93	32.16
AV	11.56928G	50.92	54.00	-3.08	35.94	3	Horizontal	50	2.74	-	39.21	7.93	32.16
PK	17.35944G	67.05	68.20	-1.15	43.73	3	Horizontal	49	1.29	-	42.86	10.68	30.22

802.11ax HEW20_Nss1,(MCS0)_2TX

5825MHz_TnomVnom

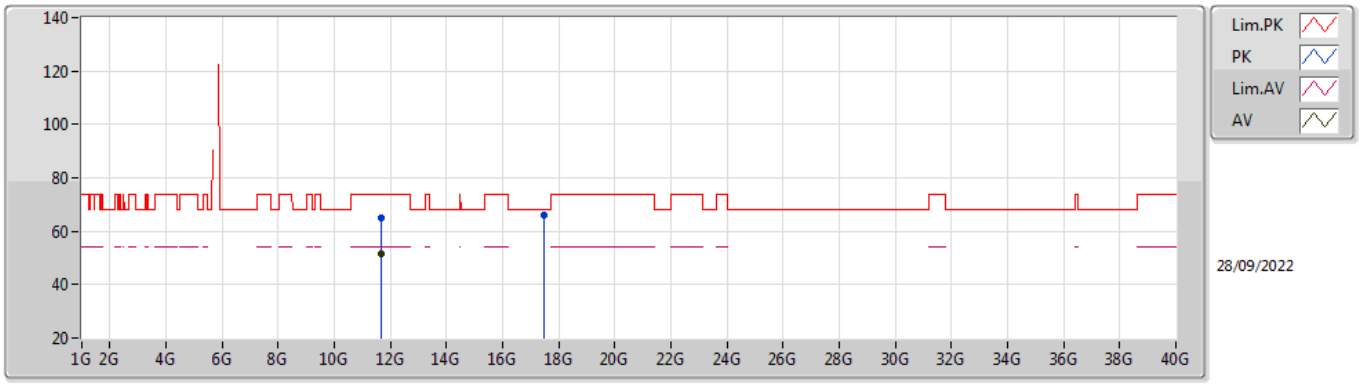


EUT Y_2TX
Setting 19.5
02-F-C-6-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.643G	59.98	68.20	-8.22	51.40	3	Vertical	40	1.80	-	33.81	5.60	30.83
PK	5.829G	117.61	Inf	-Inf	109.15	3	Vertical	40	1.80	-	33.80	5.63	30.97
AV	5.824G	106.24	Inf	-Inf	97.79	3	Vertical	40	1.80	-	33.80	5.62	30.97
PK	5.93G	60.58	68.20	-7.62	51.74	3	Vertical	40	1.80	-	34.16	5.73	31.05

802.11ax HEW20_Nss1,(MCS0)_2TX

5825MHz_TnomVnom

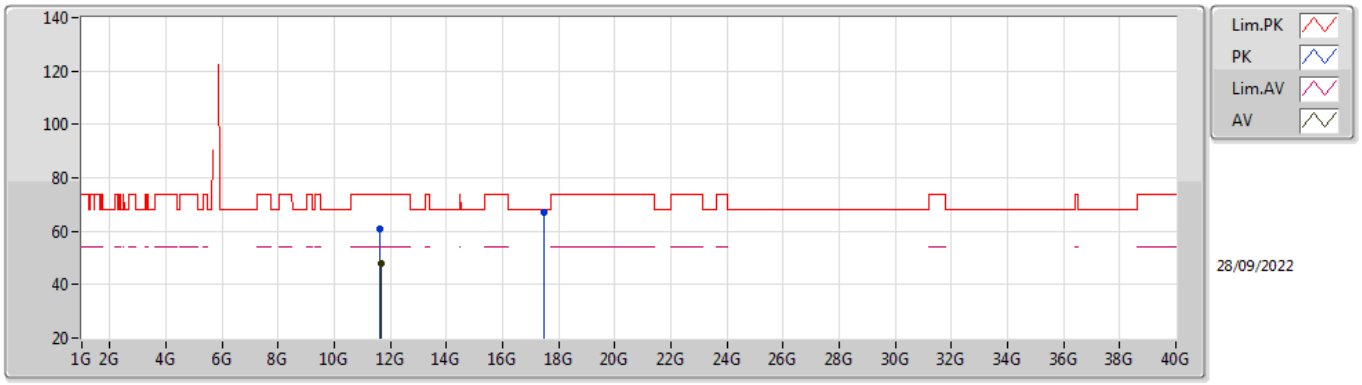


EUT Y_2TX
Setting 19.5
02-F-C-6

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.6515G	65.08	74.00	-8.92	49.93	3	Vertical	311	1.61	-	39.40	7.96	32.21
AV	11.64916G	51.80	54.00	-2.20	36.65	3	Vertical	311	1.61	-	39.40	7.96	32.21
PK	17.47062G	66.08	68.20	-2.12	41.89	3	Vertical	255	1.80	-	43.66	10.74	30.21

802.11ax HEW20_Nss1,(MCS0)_2TX

5825MHz_TnomVnom

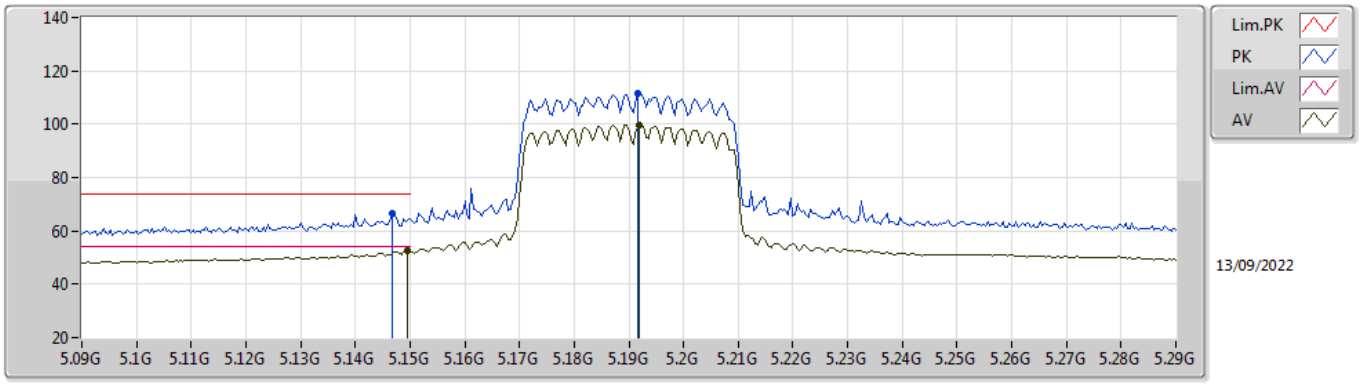


EUT Y_2TX
Setting 19.5
02-F-C-6

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.64718G	60.66	74.00	-13.34	45.52	3	Horizontal	0	1.44	-	39.39	7.96	32.21
AV	11.64916G	48.06	54.00	-5.94	32.91	3	Horizontal	0	1.44	-	39.40	7.96	32.21
PK	17.4627G	67.07	68.20	-1.13	42.95	3	Horizontal	257	2.89	-	43.60	10.73	30.21

802.11ax HEW40_Nss1,(MCS0)_2TX

5190MHz_TnomVnom

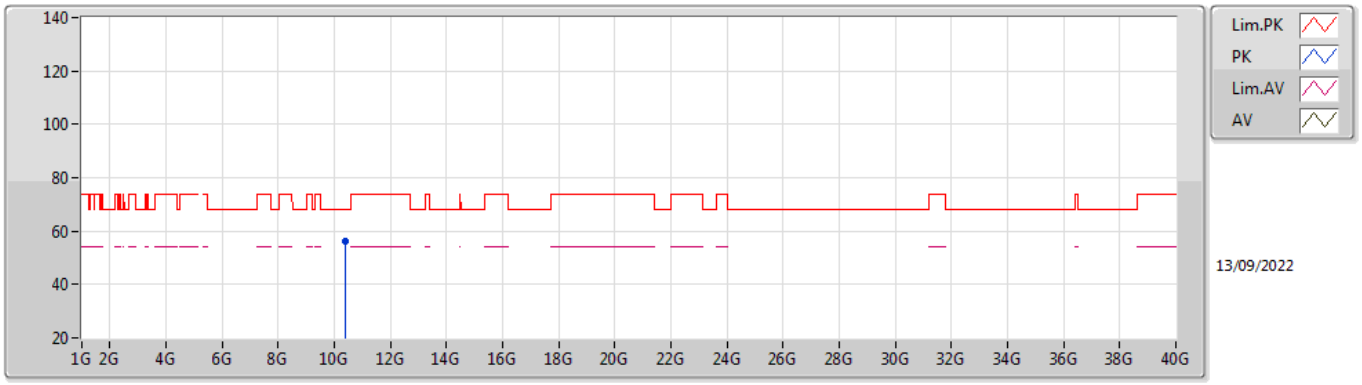


EUT Y_2TX
Setting 12
06-E-S-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1468G	66.61	74.00	-7.39	61.61	3	Vertical	0	1.80	-	31.91	5.55	32.46
AV	5.1496G	52.67	54.00	-1.33	47.68	3	Vertical	0	1.80	-	31.90	5.55	32.46
PK	5.1916G	111.38	Inf	-Inf	106.43	3	Vertical	0	1.80	-	31.82	5.59	32.46
AV	5.192G	99.82	Inf	-Inf	94.87	3	Vertical	0	1.80	-	31.82	5.59	32.46

802.11ax HEW40_Nss1,(MCS0)_2TX

5190MHz_TnomVnom

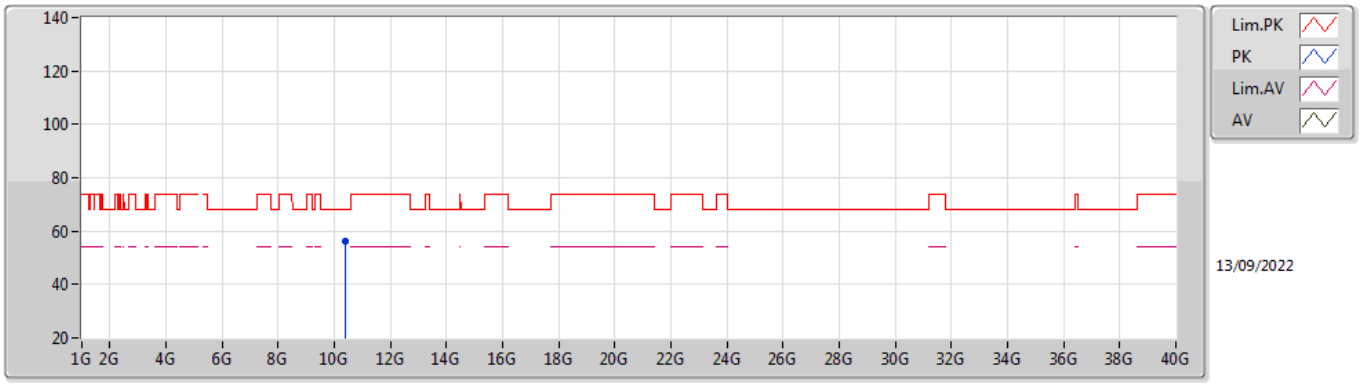


EUT Y_2TX
Setting 12
06-E-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.37938G	56.19	68.20	-12.01	42.26	3	Vertical	162	2.22	-	40.02	8.53	34.62

802.11ax HEW40_Nss1,(MCS0)_2TX

5190MHz_TnomVnom

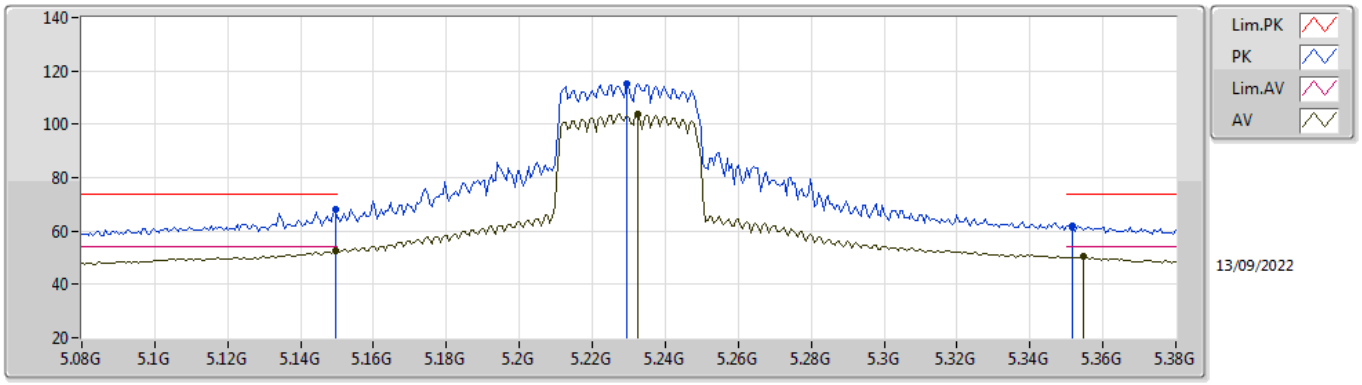


EUT Y_2TX
Setting 12
06-E-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.38178G	55.95	68.20	-12.25	42.01	3	Horizontal	321	1.05	-	40.03	8.53	34.62

802.11ax HEW40_Nss1,(MCS0)_2TX

5230MHz_TnomVnom

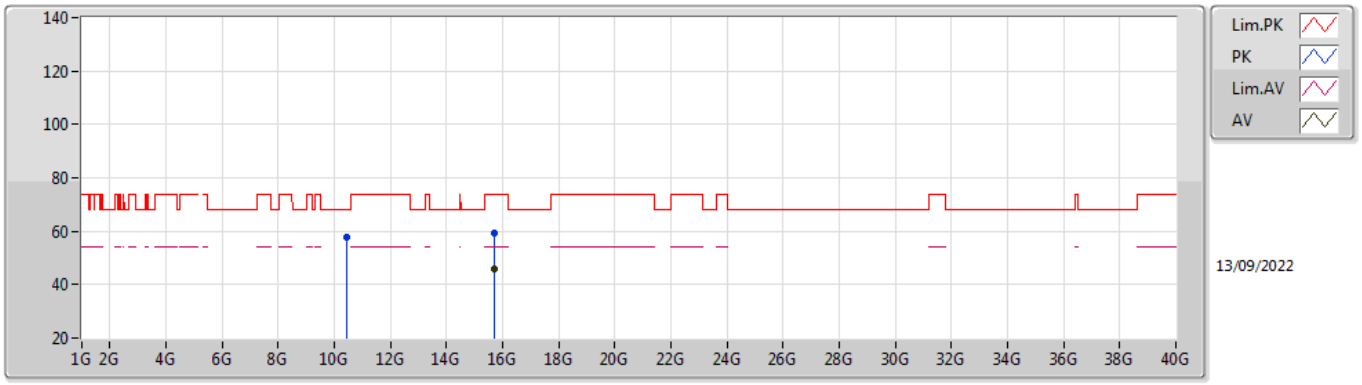


EUT Y_2TX
Setting 17.5
06-E-S-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1496G	68.25	74.00	-5.75	63.26	3	Vertical	2	1.80	-	31.90	5.55	32.46
AV	5.1496G	52.55	54.00	-1.45	47.56	3	Vertical	2	1.80	-	31.90	5.55	32.46
PK	5.2294G	115.01	Inf	-Inf	110.19	3	Vertical	2	1.80	-	31.68	5.61	32.47
AV	5.2324G	104.04	Inf	-Inf	99.22	3	Vertical	2	1.80	-	31.67	5.62	32.47
PK	5.3518G	62.03	74.00	-11.97	57.52	3	Vertical	2	1.80	-	31.31	5.68	32.48
AV	5.3548G	50.28	54.00	-3.72	45.76	3	Vertical	2	1.80	-	31.32	5.68	32.48

802.11ax HEW40_Nss1,(MCS0)_2TX

5230MHz_TnomVnom

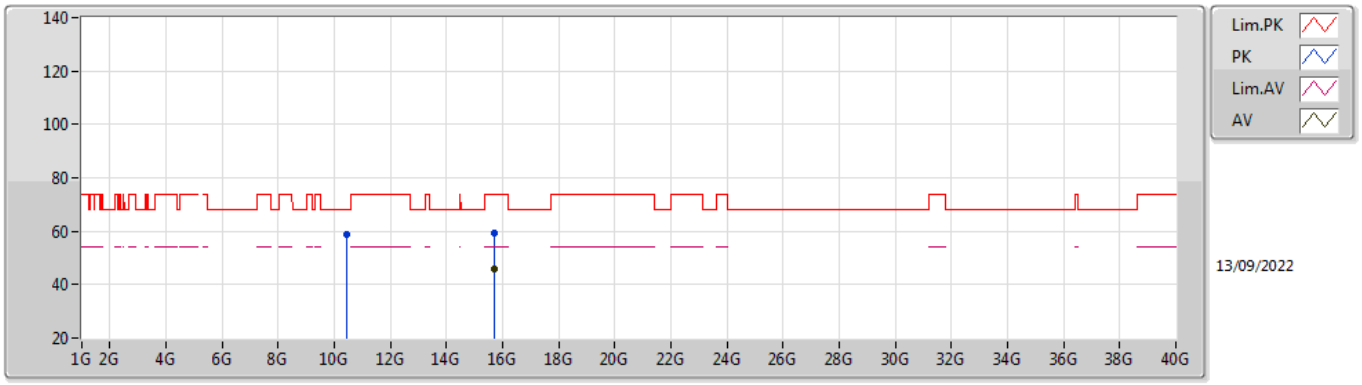


EUT Y_2TX
Setting 17.5
06-E-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.45312G	57.83	68.20	-10.37	43.78	3	Vertical	54	1.65	-	40.15	8.57	34.67
PK	15.69724G	59.21	74.00	-14.79	45.86	3	Vertical	140	1.80	-	37.91	10.25	34.81
AV	15.68712G	45.92	54.00	-8.08	32.55	3	Vertical	140	1.80	-	37.93	10.25	34.81

802.11ax HEW40_Nss1,(MCS0)_2TX

5230MHz_TnomVnom

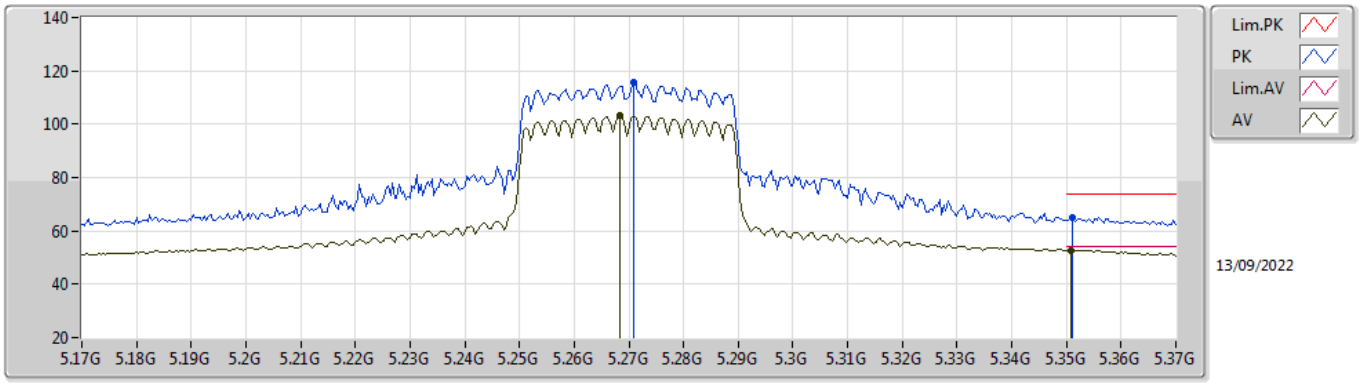


EUT Y_2TX
Setting 17.5
06-E-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.45968G	58.87	68.20	-9.33	44.80	3	Horizontal	27	2.22	-	40.16	8.58	34.67
PK	15.6878G	59.50	74.00	-14.50	46.14	3	Horizontal	168	2.59	-	37.92	10.25	34.81
AV	15.68064G	45.81	54.00	-8.19	32.43	3	Horizontal	168	2.59	-	37.94	10.25	34.81

802.11ax HEW40_Nss1,(MCS0)_2TX

5270MHz_TnomVnom

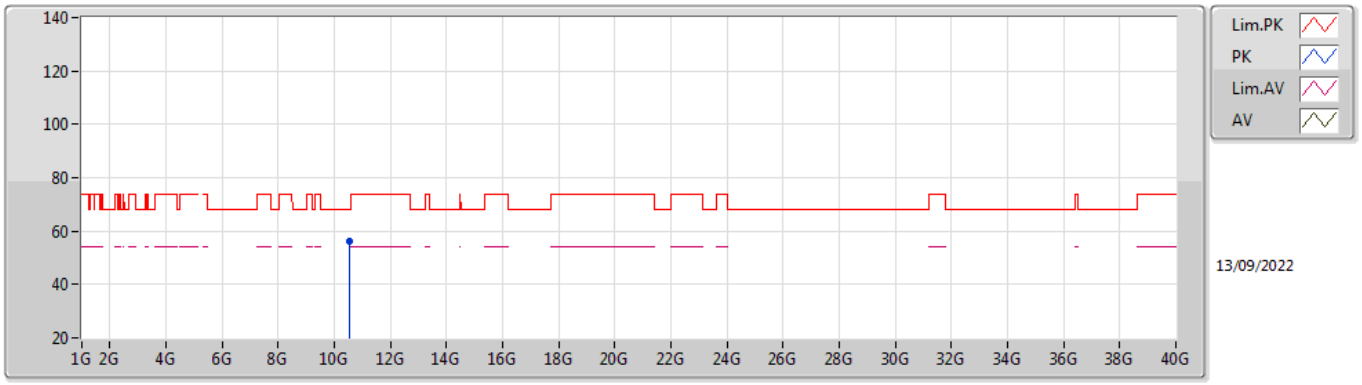


EUT Y_2TX
Setting 15
06-E-S-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.2708G	115.91	Inf	-Inf	111.22	3	Vertical	0	1.80	-	31.52	5.64	32.47
AV	5.2684G	103.07	Inf	-Inf	98.38	3	Vertical	0	1.80	-	31.53	5.63	32.47
PK	5.3512G	65.07	74.00	-8.93	60.57	3	Vertical	0	1.80	-	31.30	5.68	32.48
AV	5.3508G	52.77	54.00	-1.23	48.27	3	Vertical	0	1.80	-	31.30	5.68	32.48

802.11ax HEW40_Nss1,(MCS0)_2TX

5270MHz_TnomVnom

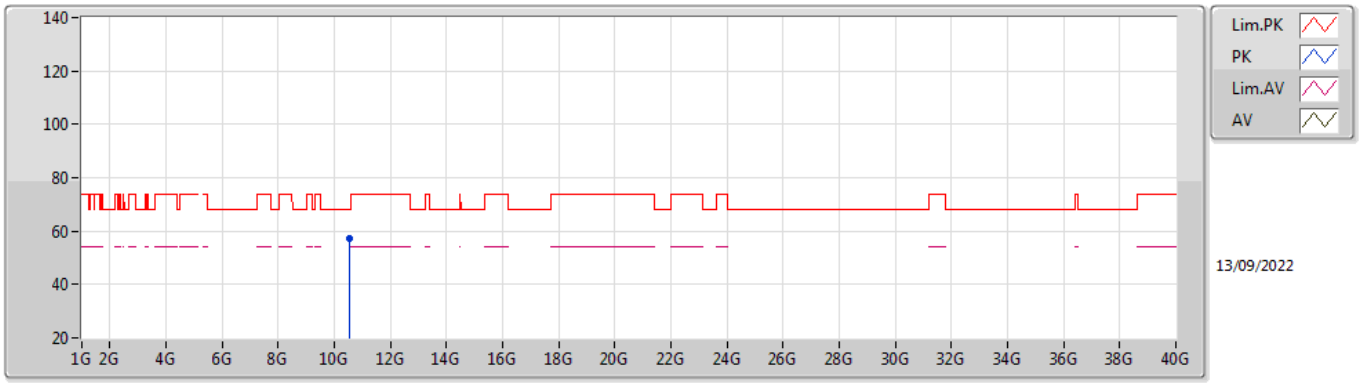


EUT Y_2TX
Setting 15
06-E-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.5421G	56.41	68.20	-11.79	42.32	3	Vertical	166	2.04	-	40.16	8.63	34.70

802.11ax HEW40_Nss1,(MCS0)_2TX

5270MHz_TnomVnom

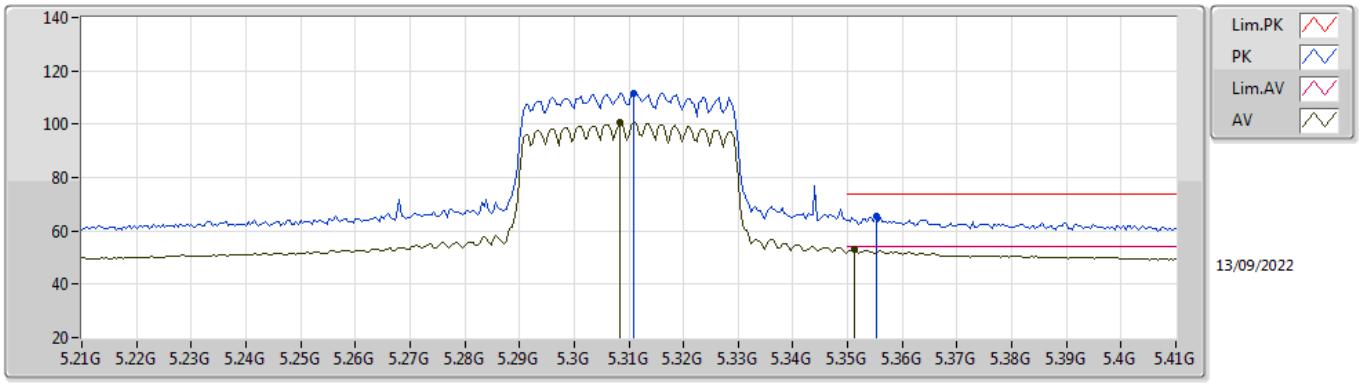


EUT Y_2TX
Setting 15
06-E-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.5441G	57.07	68.20	-11.13	42.98	3	Horizontal	108	2.46	-	40.16	8.63	34.70

802.11ax HEW40_Nss1,(MCS0)_2TX

5310MHz_TnomVnom

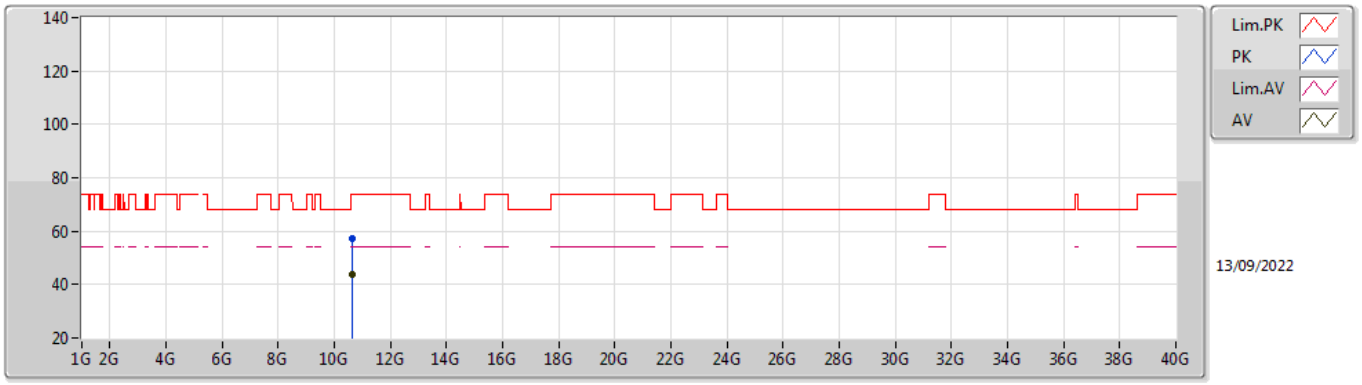


EUT Y_2TX
Setting 12
06-E-S-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.3108G	111.51	Inf	-Inf	106.95	3	Vertical	1	1.80	-	31.38	5.66	32.48
AV	5.3084G	100.60	Inf	-Inf	96.05	3	Vertical	1	1.80	-	31.38	5.65	32.48
PK	5.3552G	65.35	74.00	-8.65	60.83	3	Vertical	1	1.80	-	31.32	5.68	32.48
AV	5.3512G	52.86	54.00	-1.14	48.36	3	Vertical	1	1.80	-	31.30	5.68	32.48

802.11ax HEW40_Nss1,(MCS0)_2TX

5310MHz_TnomVnom

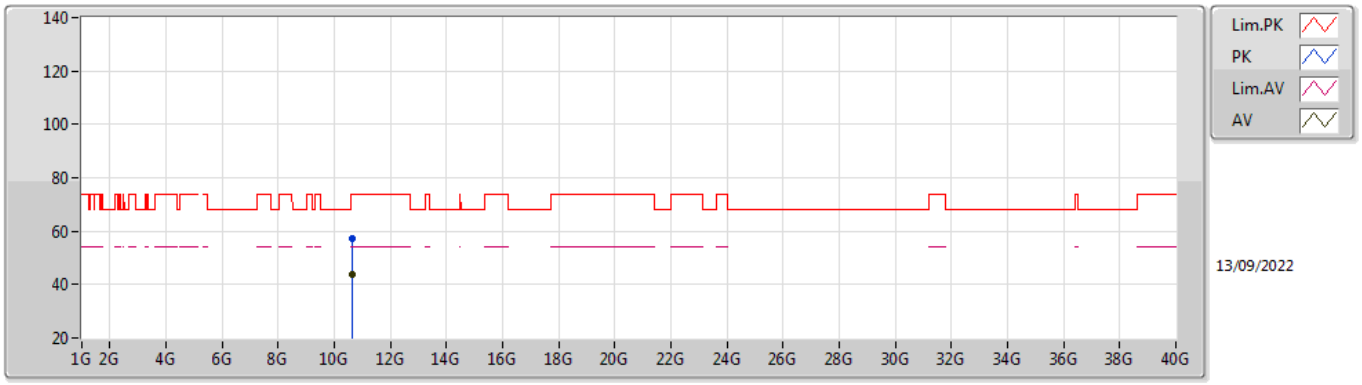


EUT Y_2TX
Setting 12
06-E-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.62198G	57.40	74.00	-16.60	43.32	3	Vertical	234	1.78	-	40.10	8.67	34.69
AV	10.61718G	43.70	54.00	-10.30	29.62	3	Vertical	234	1.78	-	40.10	8.67	34.69

802.11ax HEW40_Nss1,(MCS0)_2TX

5310MHz_TnomVnom

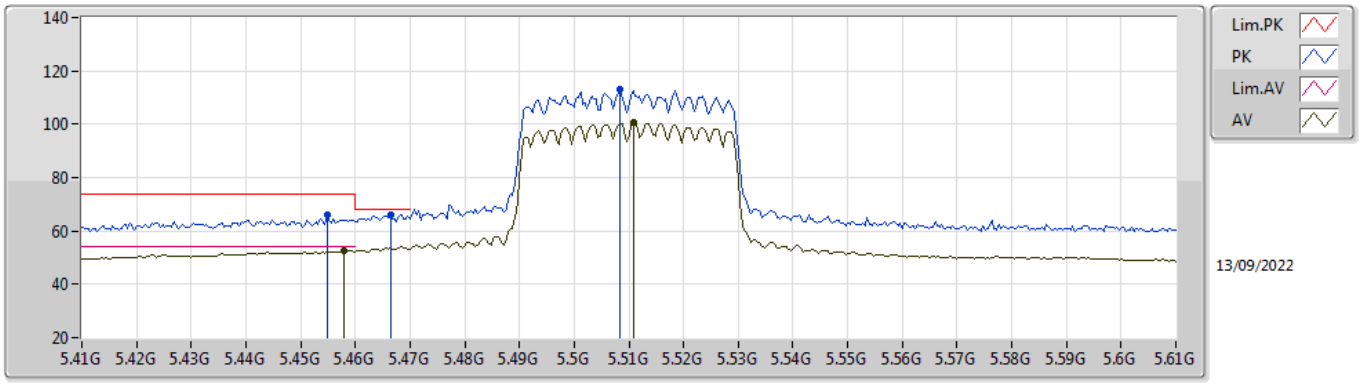


EUT Y_2TX
Setting 12
06-E-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.61634G	57.00	74.00	-17.00	42.92	3	Horizontal	164	1.53	-	40.10	8.67	34.69
AV	10.62292G	43.73	54.00	-10.27	29.65	3	Horizontal	164	1.53	-	40.10	8.67	34.69

802.11ax HEW40_Nss1,(MCS0)_2TX

5510MHz_TnomVnom

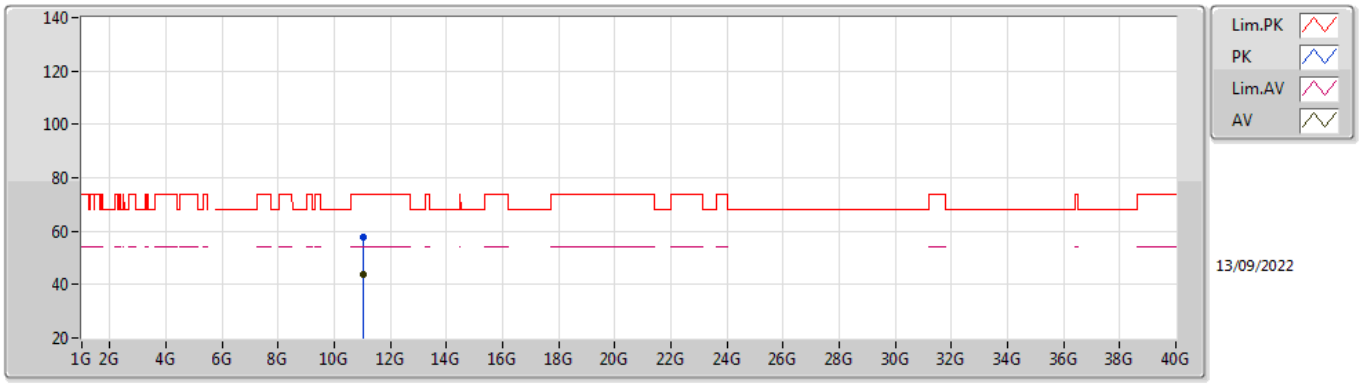


EUT Y_2TX
Setting 10.5
06-E-S-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.4548G	65.80	74.00	-8.20	60.82	3	Vertical	1	1.98	-	31.72	5.75	32.49
AV	5.458G	52.57	54.00	-1.43	47.57	3	Vertical	1	1.98	-	31.73	5.76	32.49
PK	5.4664G	65.95	68.20	-2.25	60.91	3	Vertical	1	1.98	-	31.77	5.77	32.50
PK	5.5084G	113.19	Inf	-Inf	107.98	3	Vertical	1	1.98	-	31.90	5.81	32.50
AV	5.5108G	100.50	Inf	-Inf	95.29	3	Vertical	1	1.98	-	31.90	5.81	32.50

802.11ax HEW40_Nss1,(MCS0)_2TX

5510MHz_TnomVnom

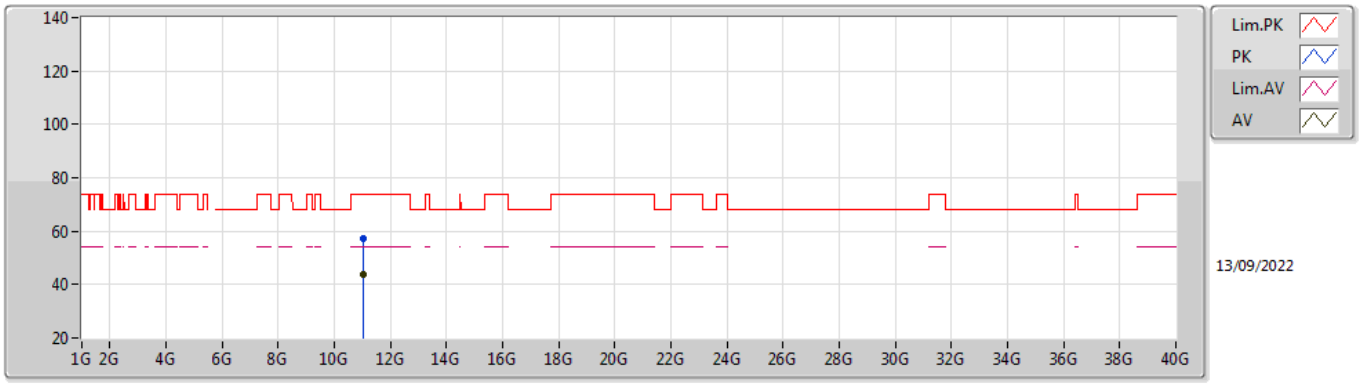


EUT Y_2TX
Setting 10.5
06-E-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.0193G	57.77	74.00	-16.23	42.99	3	Vertical	209	2.07	-	40.52	8.91	34.65
AV	11.02174G	43.71	54.00	-10.29	28.94	3	Vertical	209	2.07	-	40.51	8.91	34.65

802.11ax HEW40_Nss1,(MCS0)_2TX

5510MHz_TnomVnom

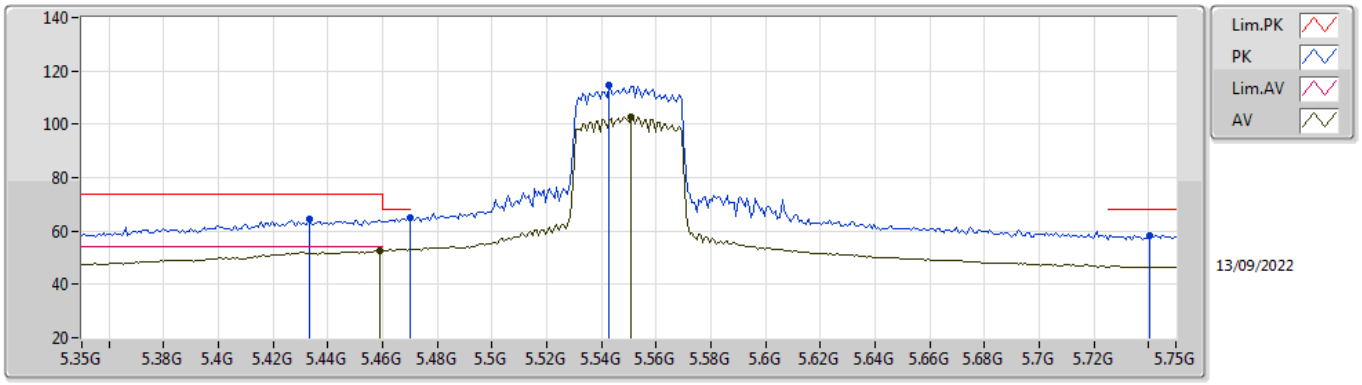


EUT Y_2TX
Setting 10.5
06-E-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.01606G	57.14	74.00	-16.86	42.34	3	Horizontal	230	2.19	-	40.54	8.91	34.65
AV	11.01552G	43.64	54.00	-10.36	28.84	3	Horizontal	230	2.19	-	40.54	8.91	34.65

802.11ax HEW40_Nss1,(MCS0)_2TX

5550MHz_TnomVnom

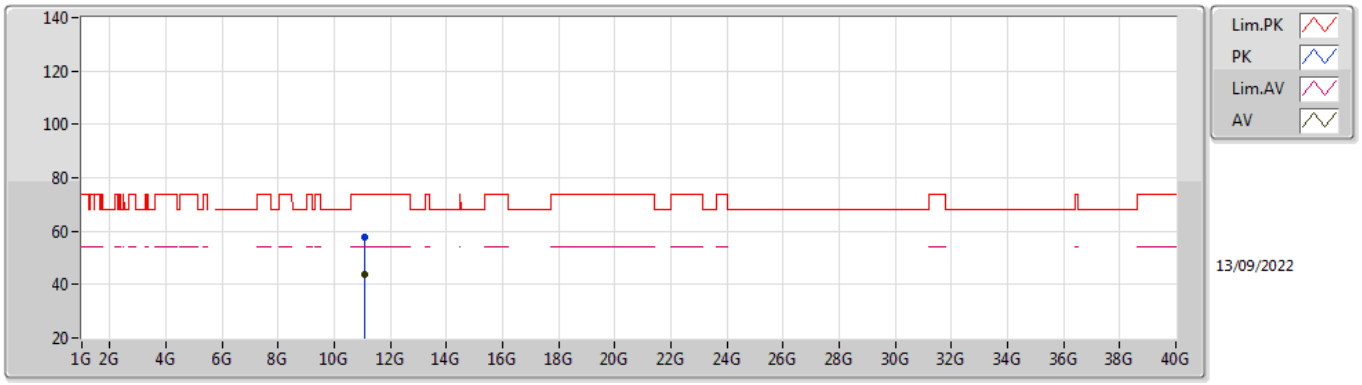


EUT Y_2TX
Setting 15
06-E-S-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.4332G	64.29	74.00	-9.71	59.42	3	Vertical	1	1.94	-	31.63	5.73	32.49
PK	5.47G	65.09	68.20	-3.11	60.04	3	Vertical	1	1.94	-	31.78	5.77	32.50
AV	5.4588G	52.54	54.00	-1.46	47.54	3	Vertical	1	1.94	-	31.74	5.76	32.50
PK	5.5428G	114.52	Inf	-Inf	109.27	3	Vertical	1	1.94	-	31.90	5.84	32.49
AV	5.5508G	102.93	Inf	-Inf	97.66	3	Vertical	1	1.94	-	31.90	5.85	32.48
PK	5.7404G	58.20	68.20	-10.00	52.56	3	Vertical	1	1.94	-	32.16	5.90	32.42

802.11ax HEW40_Nss1,(MCS0)_2TX

5550MHz_TnomVnom

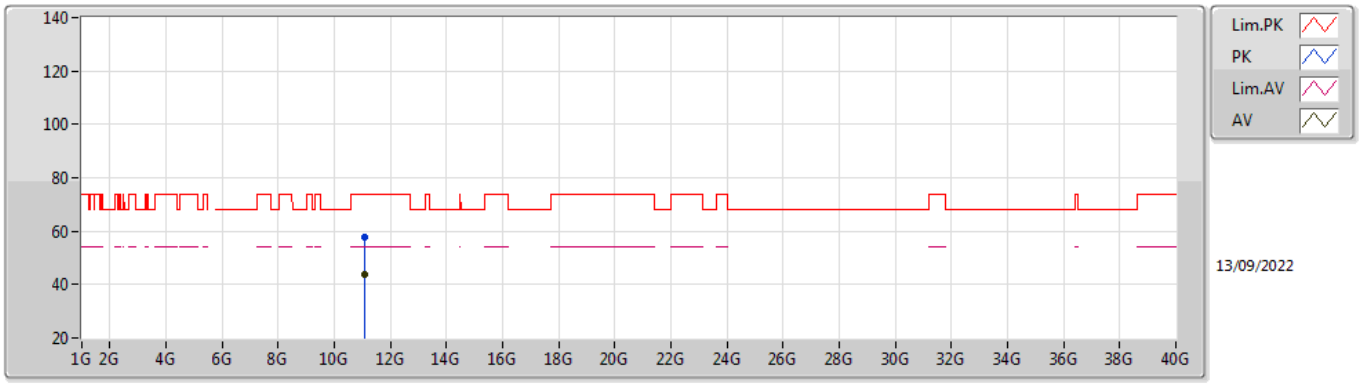


EUT Y_2TX
Setting 15
06-E-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.0962G	57.99	74.00	-16.01	43.46	3	Vertical	18	1.52	-	40.22	8.96	34.65
AV	11.10256G	43.95	54.00	-10.05	29.45	3	Vertical	18	1.52	-	40.19	8.96	34.65

802.11ax HEW40_Nss1,(MCS0)_2TX

5550MHz_TnomVnom

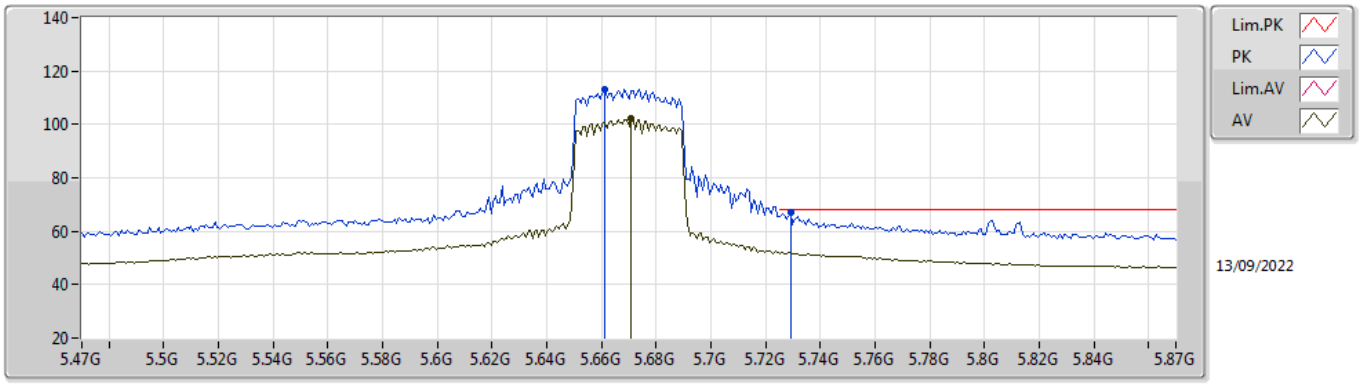


EUT Y_2TX
Setting 15
06-E-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.10206G	57.54	74.00	-16.46	43.04	3	Horizontal	189	2.02	-	40.19	8.96	34.65
AV	11.1039G	43.91	54.00	-10.09	29.41	3	Horizontal	189	2.02	-	40.19	8.96	34.65

802.11ax HEW40_Nss1,(MCS0)_2TX

5670MHz_TnomVnom

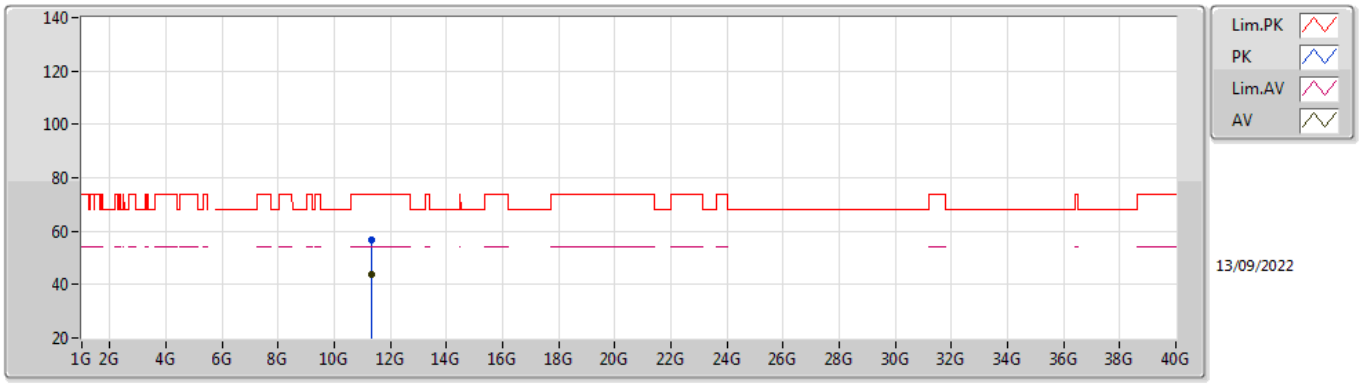


EUT Y_2TX
Setting 16
06-E-S-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.6612G	113.05	Inf	-Inf	107.76	3	Vertical	4	1.94	-	31.84	5.90	32.45
AV	5.6708G	102.33	Inf	-Inf	97.00	3	Vertical	4	1.94	-	31.88	5.90	32.45
PK	5.7292G	67.06	68.20	-1.14	61.47	3	Vertical	4	1.94	-	32.12	5.90	32.43

802.11ax HEW40_Nss1,(MCS0)_2TX

5670MHz_TnomVnom

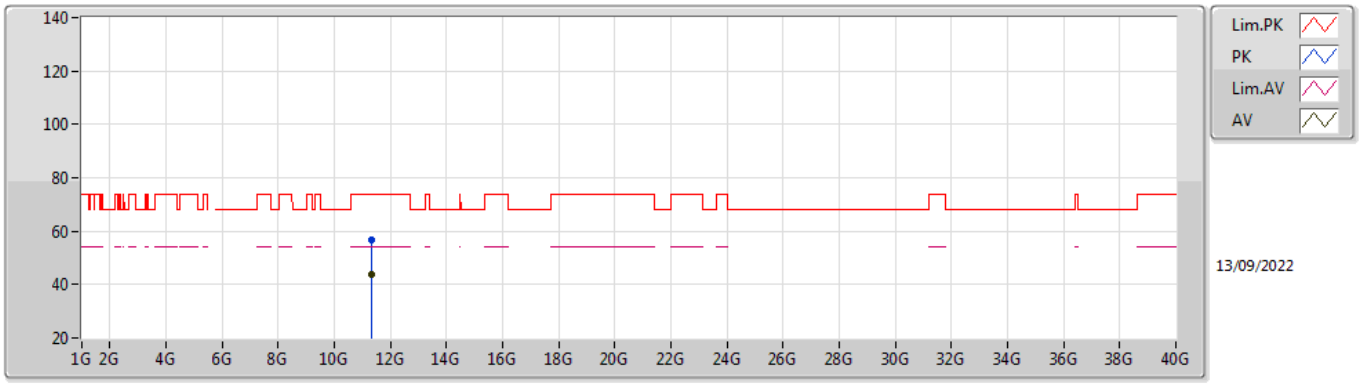


EUT Y_2TX
Setting 16
06-E-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.34084G	56.97	74.00	-17.03	42.53	3	Vertical	98	1.19	-	39.98	9.10	34.64
AV	11.33562G	43.82	54.00	-10.18	29.39	3	Vertical	98	1.19	-	39.97	9.10	34.64

802.11ax HEW40_Nss1,(MCS0)_2TX

5670MHz_TnomVnom

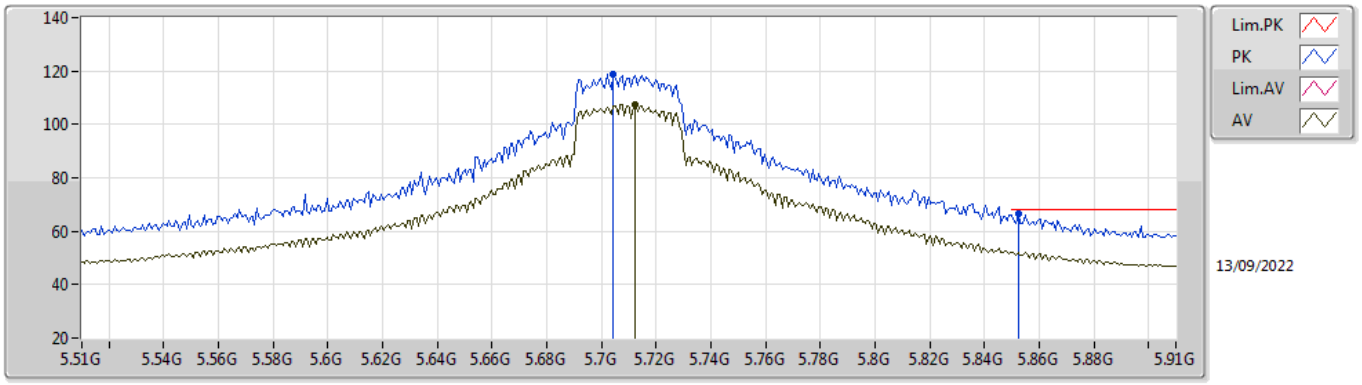


EUT Y_2TX
Setting 16
06-E-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.3445G	56.66	74.00	-17.34	42.20	3	Horizontal	274	2.82	-	39.99	9.11	34.64
AV	11.34004G	43.68	54.00	-10.32	29.24	3	Horizontal	274	2.82	-	39.98	9.10	34.64

802.11ax HEW40_Nss1,(MCS0)_2TX

5710MHz Straddle 5.47-5.725GHz_TnomVnom

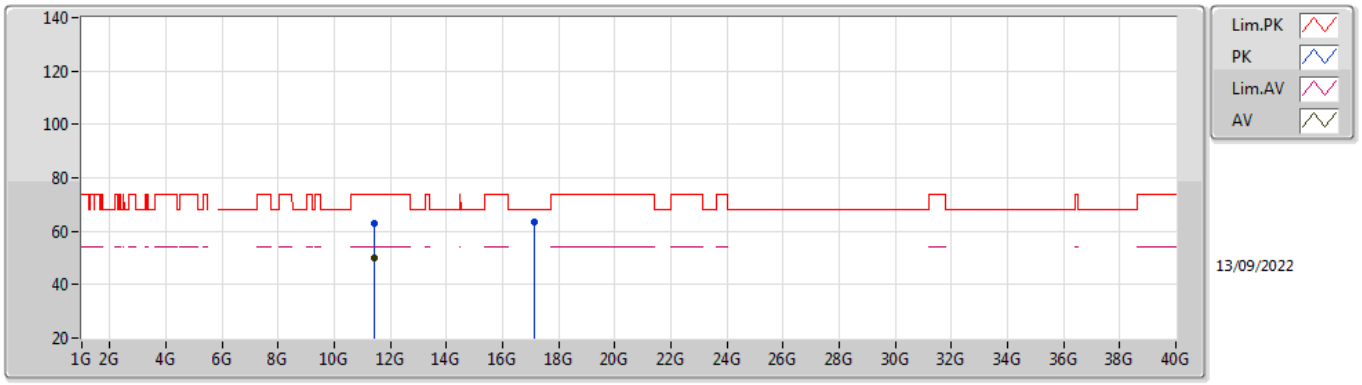


EUT Y_2TX
Setting 20.5
06-E-S-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.7044G	118.81	Inf	-Inf	113.32	3	Vertical	4	2.23	-	32.02	5.90	32.43
AV	5.7124G	107.57	Inf	-Inf	102.05	3	Vertical	4	2.23	-	32.05	5.90	32.43
PK	5.8524G	66.80	68.20	-1.40	60.93	3	Vertical	4	2.23	-	32.31	5.95	32.39

802.11ax HEW40_Nss1,(MCS0)_2TX

5710MHz Straddle 5.47-5.725GHz_TnomVnom

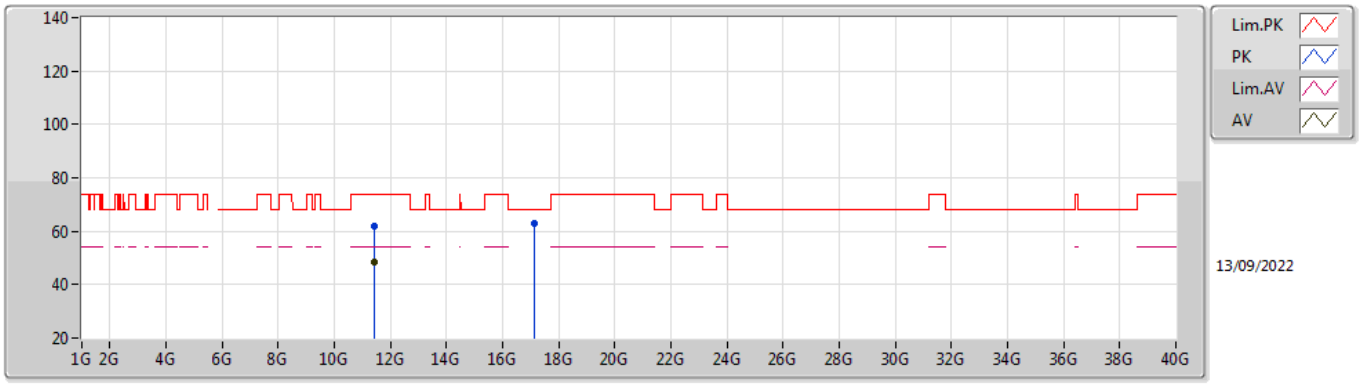


EUT Y_2TX
Setting 20.5
06-E-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.41868G	63.15	74.00	-10.85	48.53	3	Vertical	353	1.80	-	40.10	9.15	34.63
AV	11.41924G	49.76	54.00	-4.24	35.14	3	Vertical	353	1.80	-	40.10	9.15	34.63
PK	17.12824G	63.62	68.20	-4.58	46.92	3	Vertical	74	1.02	-	41.01	10.58	34.89

802.11ax HEW40_Nss1,(MCS0)_2TX

5710MHz Straddle 5.47-5.725GHz_TnomVnom

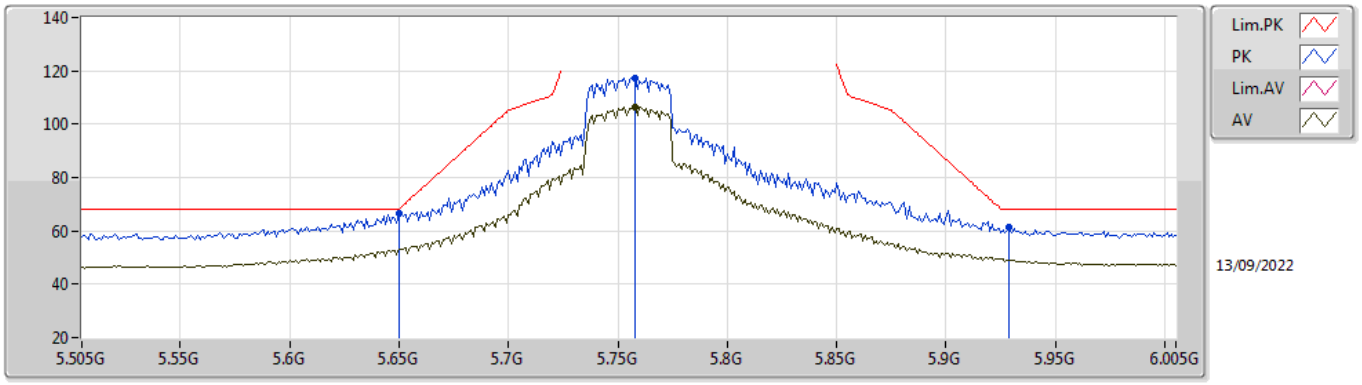


EUT Y_2TX
Setting 20.5
06-E-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.41692G	61.69	74.00	-12.31	47.07	3	Horizontal	32	2.16	-	40.10	9.15	34.63
AV	11.41916G	48.30	54.00	-5.70	33.68	3	Horizontal	32	2.16	-	40.10	9.15	34.63
PK	17.13236G	62.97	68.20	-5.23	46.26	3	Horizontal	206	1.11	-	41.03	10.58	34.90

802.11ax HEW40_Nss1,(MCS0)_2TX

5755MHz_TnomVnom

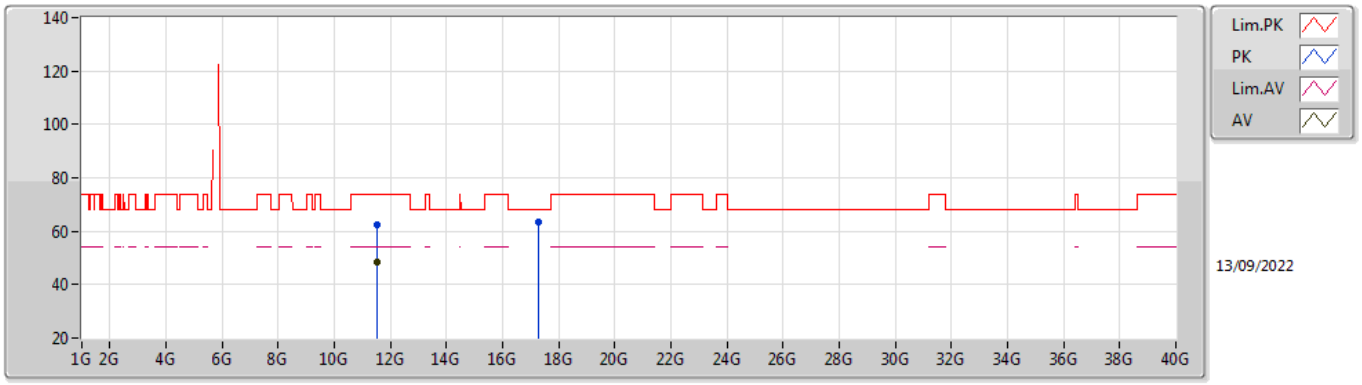


EUT Y_2TX
Setting 20
06-E-S-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.65G	66.81	68.20	-1.39	61.56	3	Vertical	337	1.84	-	31.80	5.90	32.45
PK	5.758G	117.33	Inf	-Inf	111.63	3	Vertical	337	1.84	-	32.22	5.90	32.42
AV	5.758G	106.52	Inf	-Inf	100.82	3	Vertical	337	1.84	-	32.22	5.90	32.42
PK	5.929G	61.34	68.20	-6.86	55.07	3	Vertical	337	1.84	-	32.60	6.03	32.36

802.11ax HEW40_Nss1,(MCS0)_2TX

5755MHz_TnomVnom

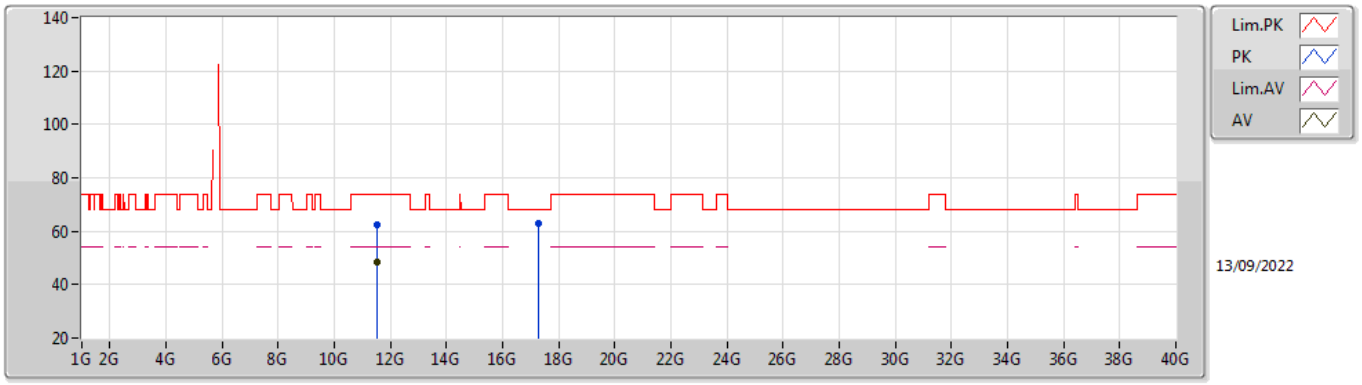


EUT Y_2TX
Setting 20
06-E-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.50856G	62.44	74.00	-11.56	47.78	3	Vertical	32	2.13	-	40.08	9.21	34.63
AV	11.51176G	48.43	54.00	-5.57	33.77	3	Vertical	32	2.13	-	40.08	9.21	34.63
PK	17.26092G	63.45	68.20	-4.75	46.47	3	Vertical	239	2.58	-	41.42	10.62	35.06

802.11ax HEW40_Nss1,(MCS0)_2TX

5755MHz_TnomVnom

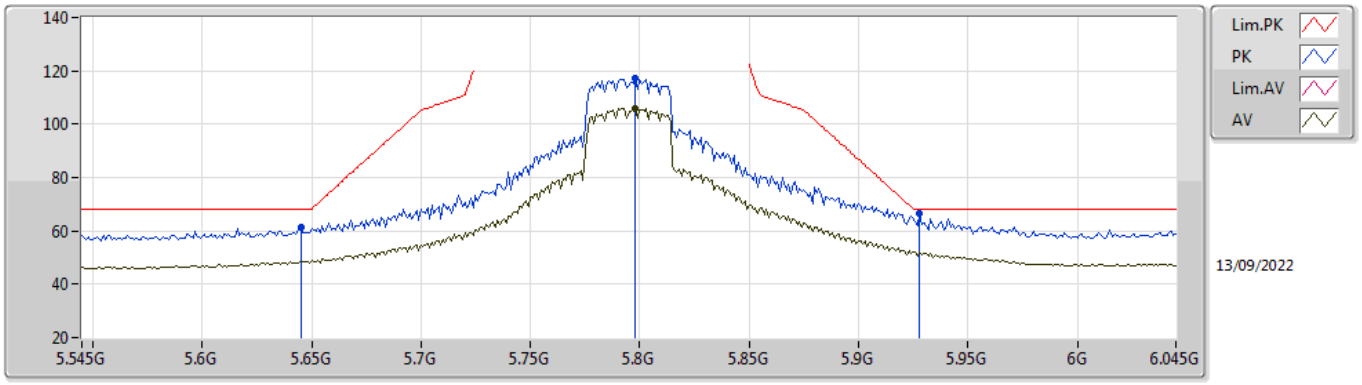


EUT Y_2TX
Setting 20
06-E-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.50872G	62.40	74.00	-11.60	47.74	3	Horizontal	31	2.10	-	40.08	9.21	34.63
AV	11.51164G	48.58	54.00	-5.42	33.92	3	Horizontal	31	2.10	-	40.08	9.21	34.63
PK	17.25804G	63.10	68.20	-5.10	46.13	3	Horizontal	163	2.33	-	41.42	10.61	35.06

802.11ax HEW40_Nss1,(MCS0)_2TX

5795MHz_TnomVnom

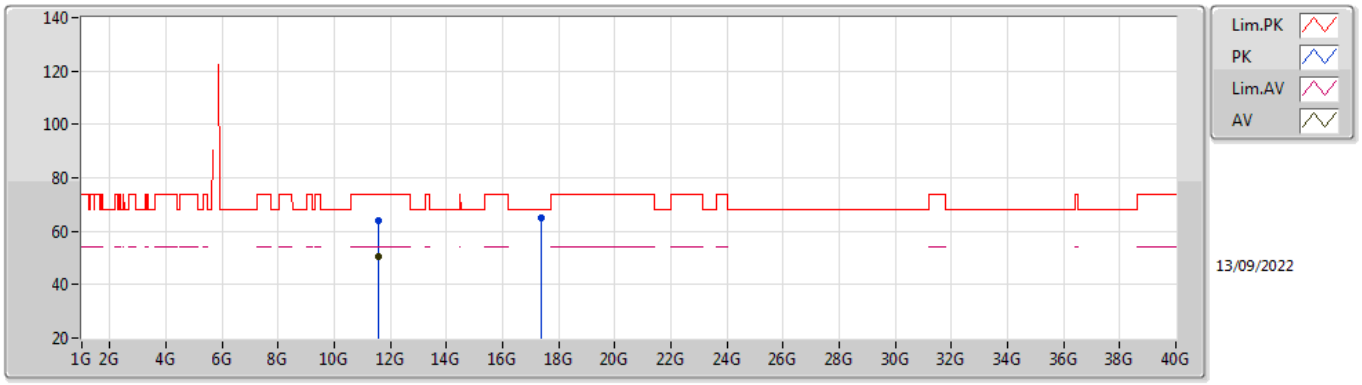


EUT Y_2TX
Setting 19.5
06-E-S-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.645G	61.14	68.20	-7.06	55.88	3	Vertical	336	1.79	-	31.81	5.90	32.45
PK	5.798G	117.44	Inf	-Inf	111.64	3	Vertical	336	1.79	-	32.30	5.90	32.40
AV	5.798G	106.03	Inf	-Inf	100.23	3	Vertical	336	1.79	-	32.30	5.90	32.40
PK	5.928G	66.73	68.20	-1.47	60.46	3	Vertical	336	1.79	-	32.60	6.03	32.36

802.11ax HEW40_Nss1,(MCS0)_2TX

5795MHz_TnomVnom

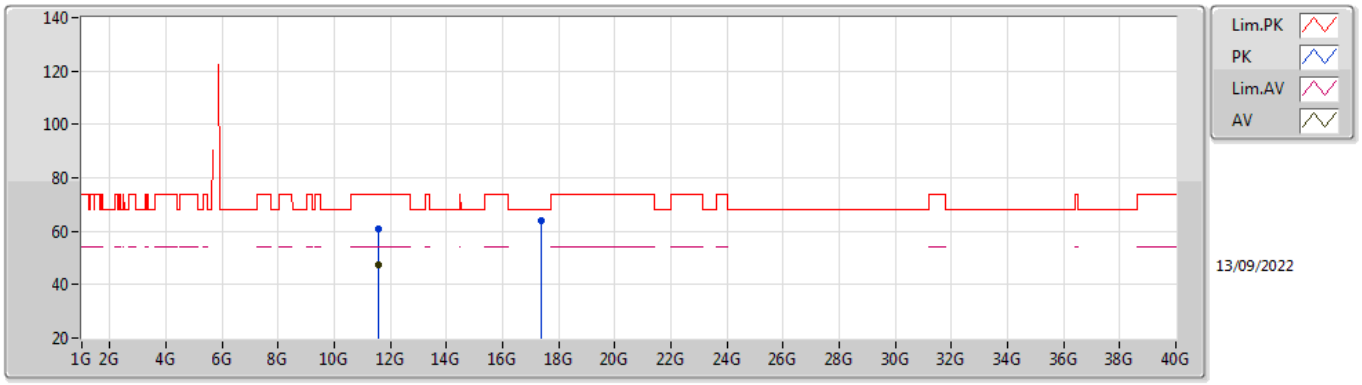


EUT Y_2TX
Setting 19.5
06-E-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.58872G	64.02	74.00	-9.98	49.49	3	Vertical	35	1.72	-	39.92	9.25	34.64
AV	11.59436G	50.66	54.00	-3.34	36.13	3	Vertical	35	1.72	-	39.91	9.26	34.64
PK	17.3836G	65.00	68.20	-3.20	47.22	3	Vertical	116	1.00	-	42.34	10.65	35.21

802.11ax HEW40_Nss1,(MCS0)_2TX

5795MHz_TnomVnom

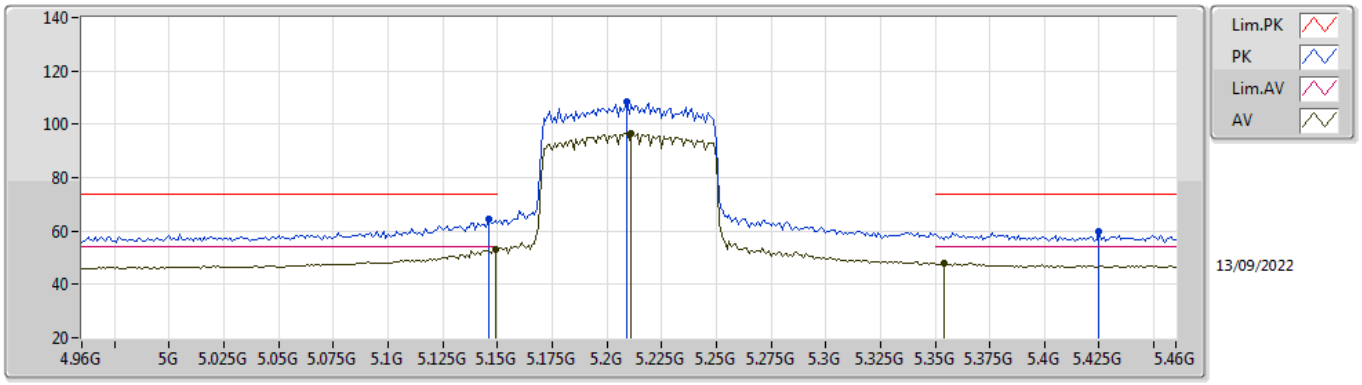


EUT Y_2TX
Setting 19.5
06-E-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.58872G	60.65	74.00	-13.35	46.12	3	Horizontal	55	1.80	-	39.92	9.25	34.64
AV	11.59196G	47.43	54.00	-6.57	32.89	3	Horizontal	55	1.80	-	39.92	9.26	34.64
PK	17.39488G	63.99	68.20	-4.21	46.12	3	Horizontal	170	2.85	-	42.45	10.65	35.23

802.11ax HEW80_Nss1,(MCS0)_2TX

5210MHz_TnomVnom

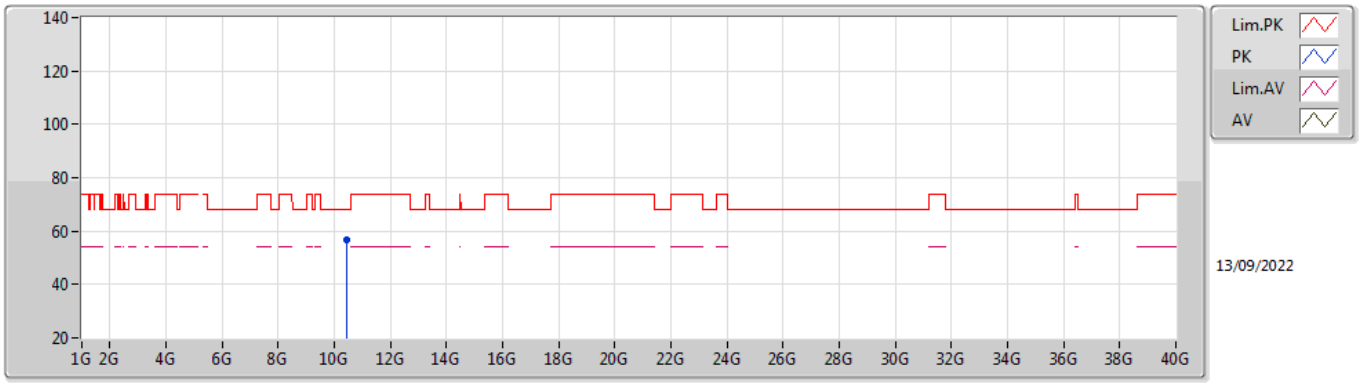


EUT Y_2TX
Setting 10.5
06-E-S-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.146G	64.43	74.00	-9.57	59.43	3	Vertical	3	1.80	-	31.91	5.55	32.46
AV	5.149G	52.86	54.00	-1.14	47.87	3	Vertical	3	1.80	-	31.90	5.55	32.46
PK	5.209G	108.27	Inf	-Inf	103.38	3	Vertical	3	1.80	-	31.76	5.60	32.47
AV	5.211G	96.80	Inf	-Inf	91.90	3	Vertical	3	1.80	-	31.76	5.61	32.47
PK	5.425G	59.68	74.00	-14.32	54.84	3	Vertical	3	1.80	-	31.60	5.73	32.49
AV	5.354G	47.93	54.00	-6.07	43.41	3	Vertical	3	1.80	-	31.32	5.68	32.48

802.11ax HEW80_Nss1,(MCS0)_2TX

5210MHz_TnomVnom

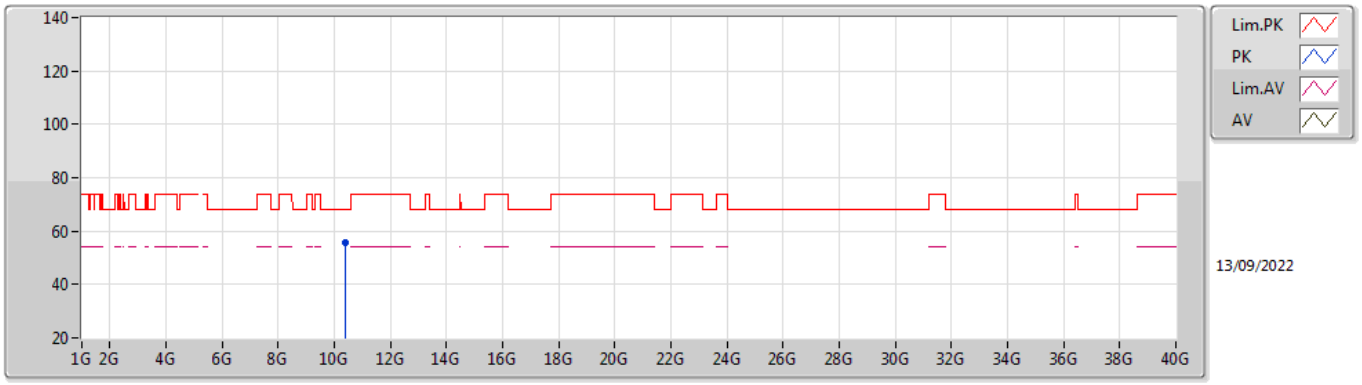


EUT Y_2TX
Setting 10.5
06-E-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.4243G	56.65	68.20	-11.55	42.63	3	Vertical	237	3.00	-	40.12	8.55	34.65

802.11ax HEW80_Nss1,(MCS0)_2TX

5210MHz_TnomVnom

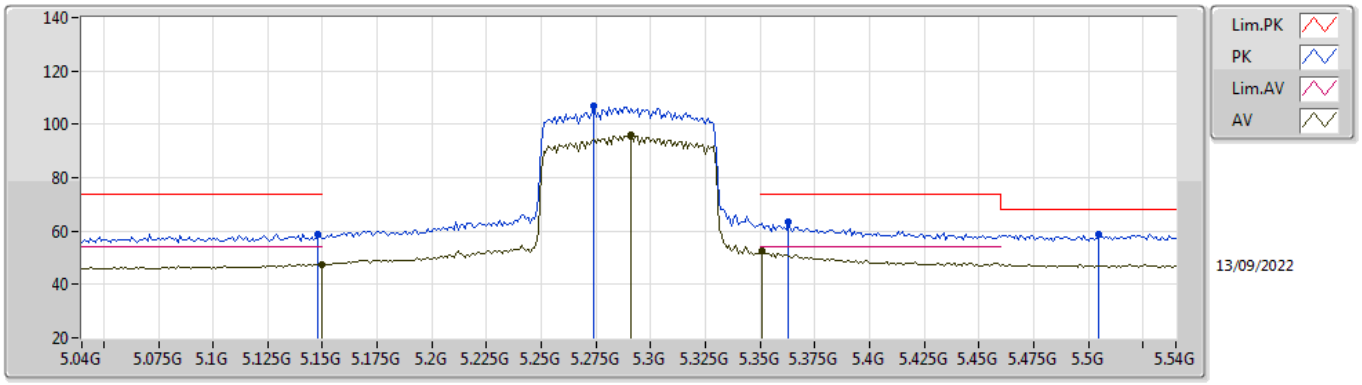


EUT Y_2TX
Setting 10.5
06-E-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.41652G	55.81	68.20	-12.39	41.78	3	Horizontal	302	1.96	-	40.12	8.55	34.64

802.11ax HEW80_Nss1,(MCS0)_2TX

5290MHz_TnomVnom

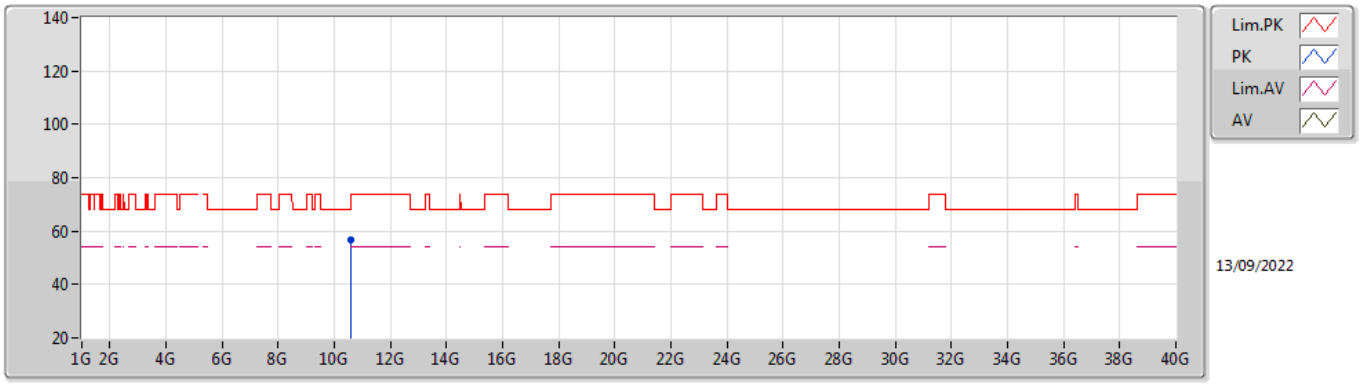


EUT Y_2TX
Setting 9.5
06-E-S-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.148G	58.73	74.00	-15.27	53.74	3	Vertical	0	1.85	-	31.90	5.55	32.46
AV	5.15G	47.51	54.00	-6.49	42.52	3	Vertical	0	1.85	-	31.90	5.55	32.46
PK	5.274G	106.73	Inf	-Inf	102.06	3	Vertical	0	1.85	-	31.50	5.64	32.47
AV	5.291G	95.89	Inf	-Inf	91.27	3	Vertical	0	1.85	-	31.44	5.65	32.47
PK	5.363G	63.45	74.00	-10.55	58.90	3	Vertical	0	1.85	-	31.35	5.68	32.48
AV	5.351G	52.74	54.00	-1.26	48.24	3	Vertical	0	1.85	-	31.30	5.68	32.48
PK	5.505G	58.59	68.20	-9.61	53.39	3	Vertical	0	1.85	-	31.90	5.80	32.50

802.11ax HEW80_Nss1,(MCS0)_2TX

5290MHz_TnomVnom

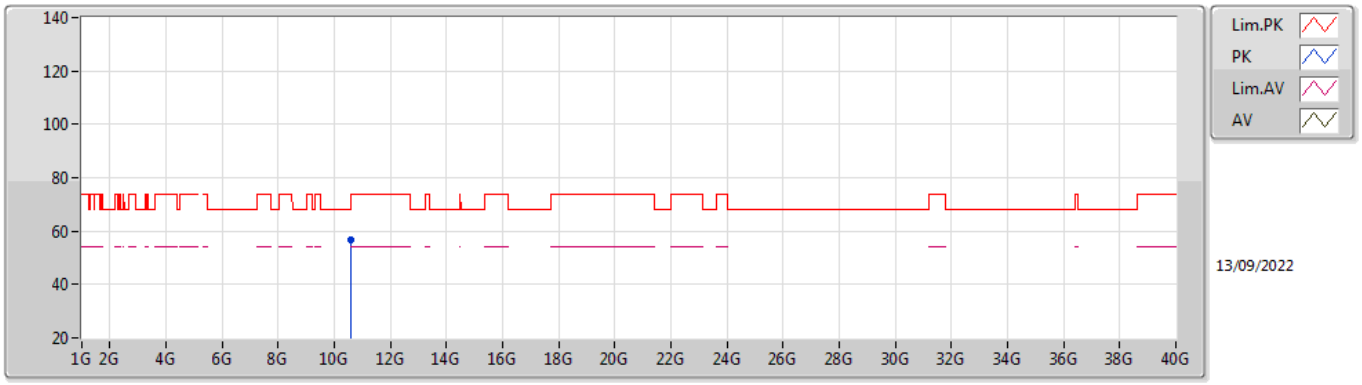


EUT Y_2TX
Setting 9.5
06-E-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.57904G	56.76	68.20	-11.44	42.68	3	Vertical	48	2.89	-	40.12	8.65	34.69

802.11ax HEW80_Nss1,(MCS0)_2TX

5290MHz_TnomVnom

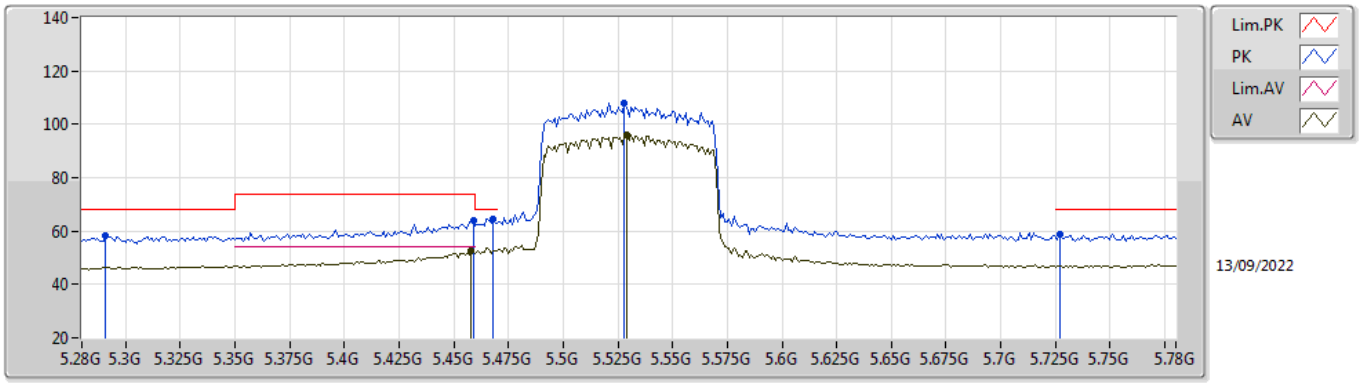


EUT Y_2TX
Setting 9.5
06-E-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.5848G	56.88	68.20	-11.32	42.80	3	Horizontal	188	2.82	-	40.12	8.65	34.69

802.11ax HEW80_Nss1,(MCS0)_2TX

5530MHz_TnomVnom

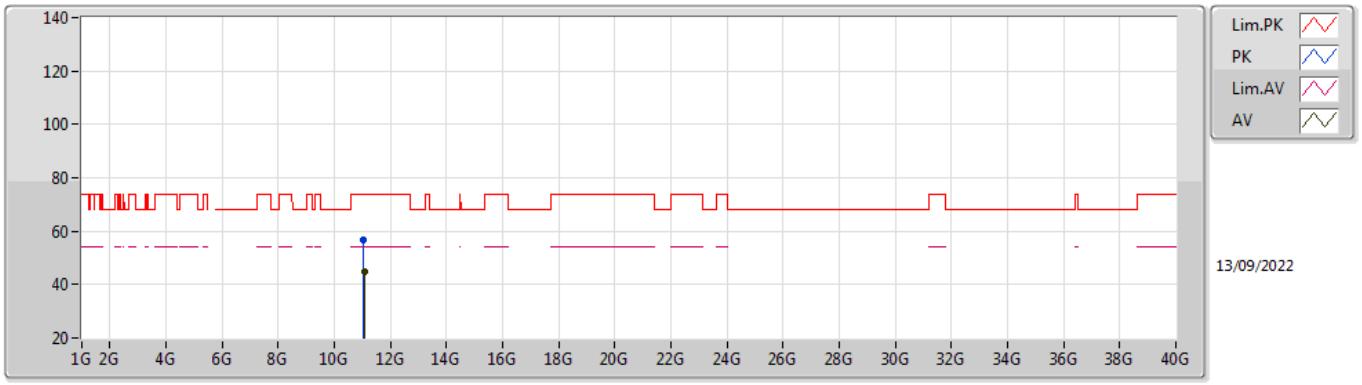


EUT Y_2TX
Setting 8.5
06-E-S-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.459G	64.04	74.00	-9.96	59.04	3	Vertical	360	1.96	-	31.74	5.76	32.50
AV	5.458G	52.53	54.00	-1.47	47.53	3	Vertical	360	1.96	-	31.73	5.76	32.49
PK	5.468G	64.32	68.20	-3.88	59.28	3	Vertical	360	1.96	-	31.77	5.77	32.50
PK	5.528G	107.99	Inf	-Inf	102.75	3	Vertical	360	1.96	-	31.90	5.83	32.49
AV	5.529G	95.87	Inf	-Inf	90.63	3	Vertical	360	1.96	-	31.90	5.83	32.49
PK	5.727G	58.77	68.20	-9.43	53.19	3	Vertical	360	1.96	-	32.11	5.90	32.43
PK	5.291G	58.02	68.20	-10.18	53.40	3	Vertical	360	1.96	-	31.44	5.65	32.47

802.11ax HEW80_Nss1,(MCS0)_2TX

5530MHz_TnomVnom

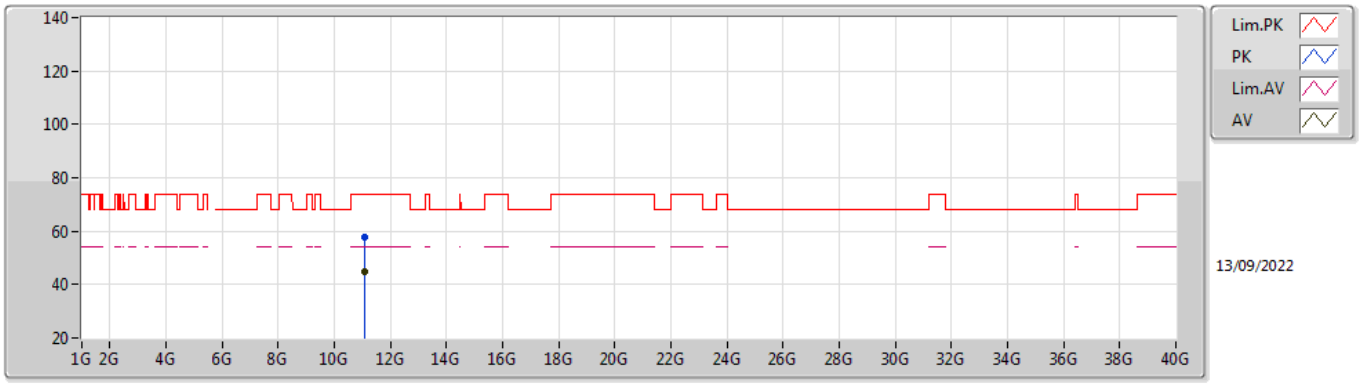


EUT Y_2TX
Setting 8.5
06-E-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.05698G	56.87	74.00	-17.13	42.22	3	Vertical	289	2.67	-	40.37	8.93	34.65
AV	11.06082G	44.83	54.00	-9.17	30.18	3	Vertical	289	2.67	-	40.36	8.94	34.65

802.11ax HEW80_Nss1,(MCS0)_2TX

5530MHz_TnomVnom

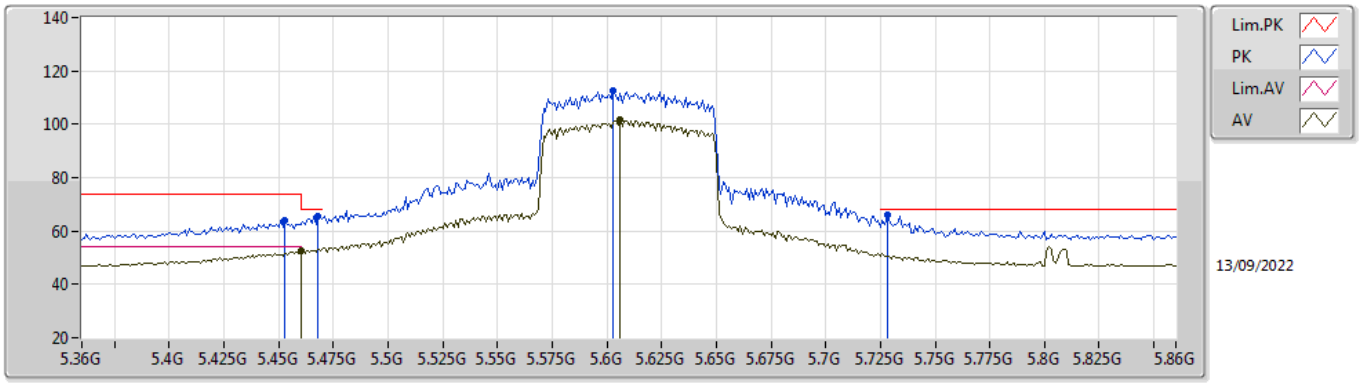


EUT Y_2TX
Setting 8.5
06-E-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.05848G	57.60	74.00	-16.40	42.94	3	Horizontal	285	2.01	-	40.37	8.94	34.65
AV	11.06088G	44.91	54.00	-9.09	30.26	3	Horizontal	285	2.01	-	40.36	8.94	34.65

802.11ax HEW80_Nss1,(MCS0)_2TX

5610MHz_TnomVnom

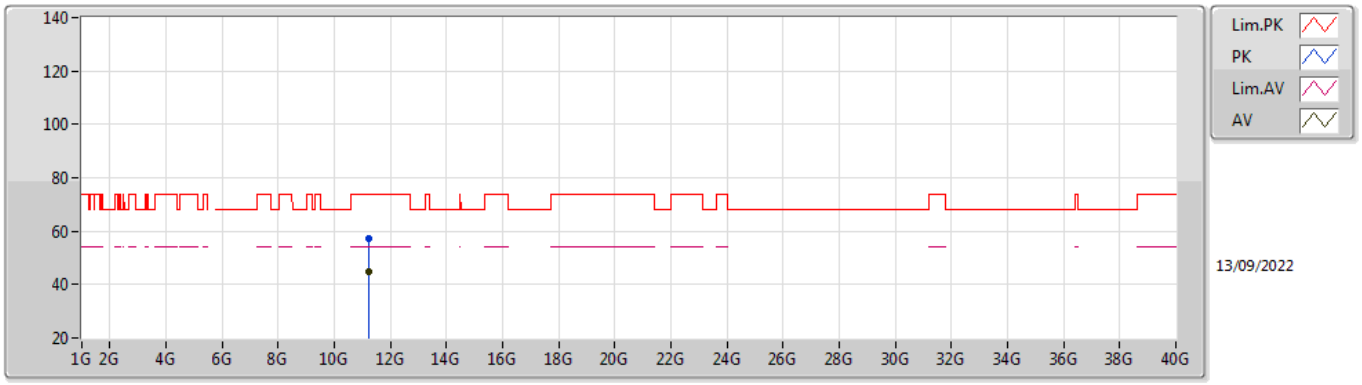


EUT Y_2TX
Setting 15.5
06-E-S-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.453G	64.21	74.00	-9.79	59.24	3	Vertical	1	1.91	-	31.71	5.75	32.49
AV	5.46G	52.58	54.00	-1.42	47.58	3	Vertical	1	1.91	-	31.74	5.76	32.50
PK	5.468G	65.69	68.20	-2.51	60.65	3	Vertical	1	1.91	-	31.77	5.77	32.50
PK	5.603G	112.44	Inf	-Inf	107.12	3	Vertical	1	1.91	-	31.89	5.90	32.47
AV	5.606G	101.51	Inf	-Inf	96.19	3	Vertical	1	1.91	-	31.89	5.90	32.47
PK	5.728G	65.80	68.20	-2.40	60.22	3	Vertical	1	1.91	-	32.11	5.90	32.43

802.11ax HEW80_Nss1,(MCS0)_2TX

5610MHz_TnomVnom

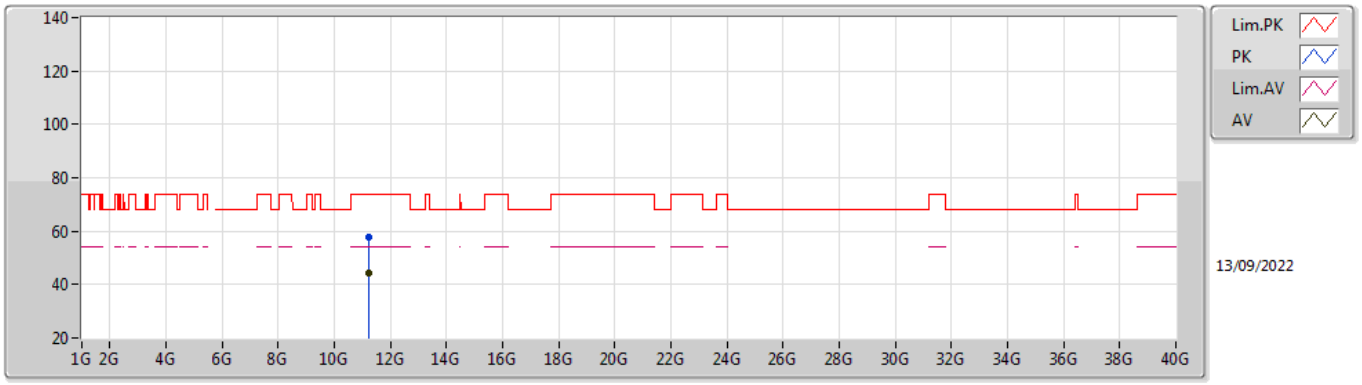


EUT Y_2TX
Setting 15.5
06-E-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.21574G	57.31	74.00	-16.69	43.02	3	Vertical	214	1.55	-	39.90	9.03	34.64
AV	11.2229G	44.69	54.00	-9.31	30.40	3	Vertical	214	1.55	-	39.90	9.03	34.64

802.11ax HEW80_Nss1,(MCS0)_2TX

5610MHz_TnomVnom

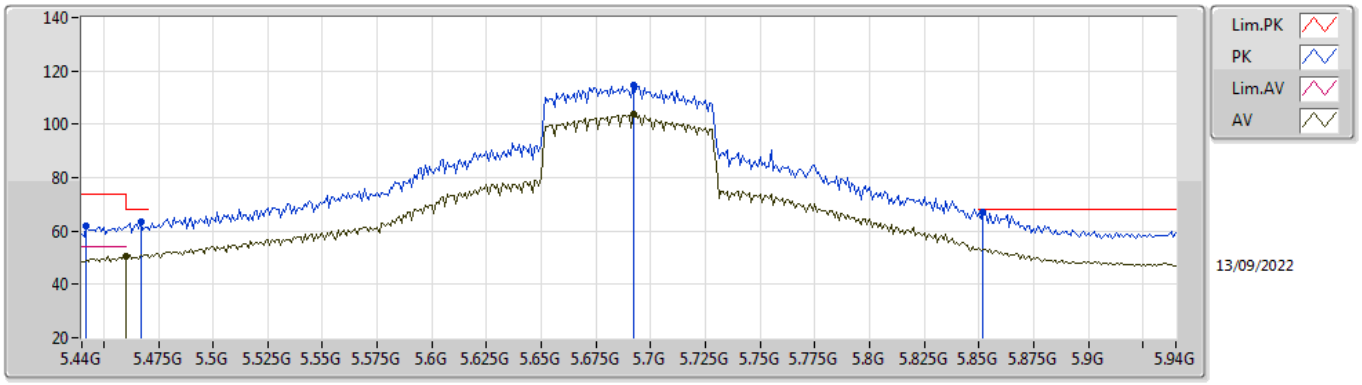


EUT Y_2TX
Setting 15.5
06-E-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.2154G	57.57	74.00	-16.43	43.28	3	Horizontal	46	1.12	-	39.90	9.03	34.64
AV	11.21922G	44.44	54.00	-9.56	30.15	3	Horizontal	46	1.12	-	39.90	9.03	34.64

802.11ax HEW80_Nss1,(MCS0)_2TX

5690MHz Straddle 5.47-5.725GHz_TnomVnom

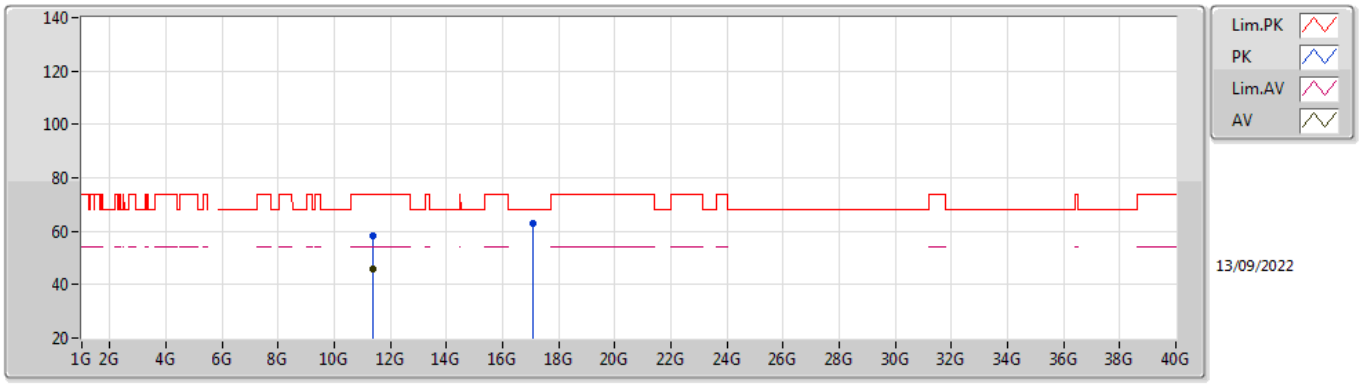


EUT Y_2TX
Setting 20.5
06-E-S-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.442G	61.89	74.00	-12.11	56.97	3	Vertical	4	2.08	-	31.67	5.74	32.49
PK	5.467G	63.21	68.20	-4.99	58.17	3	Vertical	4	2.08	-	31.77	5.77	32.50
AV	5.46G	50.66	54.00	-3.34	45.66	3	Vertical	4	2.08	-	31.74	5.76	32.50
PK	5.692G	114.45	Inf	-Inf	109.02	3	Vertical	4	2.08	-	31.97	5.90	32.44
AV	5.692G	103.67	Inf	-Inf	98.24	3	Vertical	4	2.08	-	31.97	5.90	32.44
PK	5.852G	67.04	68.20	-1.16	61.17	3	Vertical	4	2.08	-	32.31	5.95	32.39

802.11ax HEW80_Nss1,(MCS0)_2TX

5690MHz Straddle 5.47-5.725GHz_TnomVnom

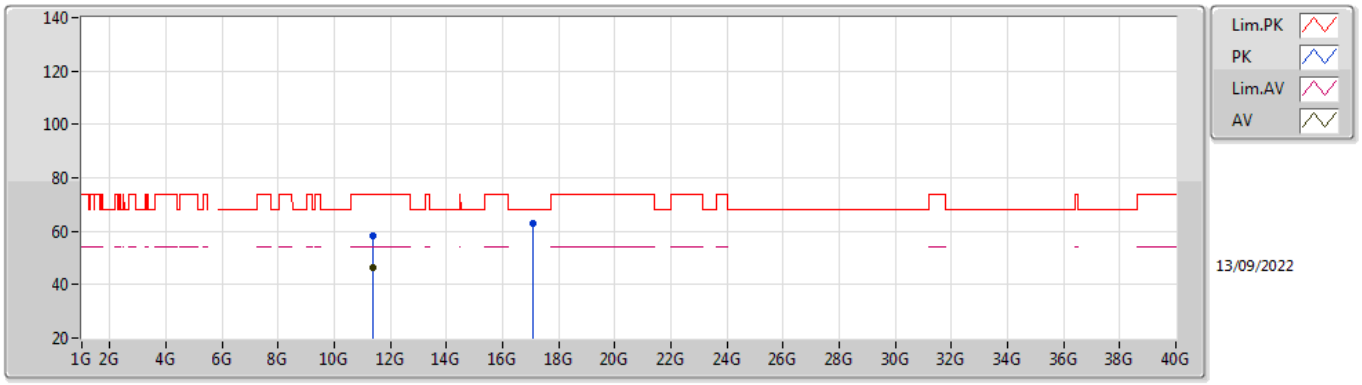


EUT Y_2TX
Setting 20.5
06-E-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.38952G	58.40	74.00	-15.60	43.82	3	Vertical	356	1.80	-	40.08	9.13	34.63
AV	11.389G	46.06	54.00	-7.94	31.48	3	Vertical	356	1.80	-	40.08	9.13	34.63
PK	17.06168G	62.82	68.20	-5.38	46.24	3	Vertical	308	1.06	-	40.82	10.57	34.81

802.11ax HEW80_Nss1,(MCS0)_2TX

5690MHz Straddle 5.47-5.725GHz_TnomVnom

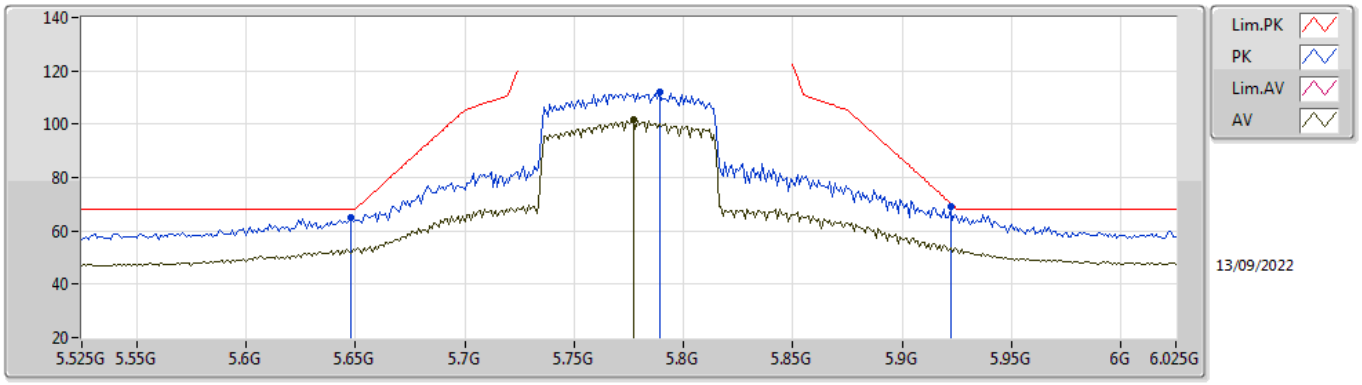


EUT Y_2TX
Setting 20.5
06-E-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.38676G	58.25	74.00	-15.75	43.68	3	Horizontal	32	2.16	-	40.07	9.13	34.63
AV	11.3892G	46.23	54.00	-7.77	31.65	3	Horizontal	32	2.16	-	40.08	9.13	34.63
PK	17.06908G	62.73	68.20	-5.47	46.14	3	Horizontal	266	1.23	-	40.84	10.57	34.82

802.11ax HEW80_Nss1,(MCS0)_2TX

5775MHz_TnomVnom

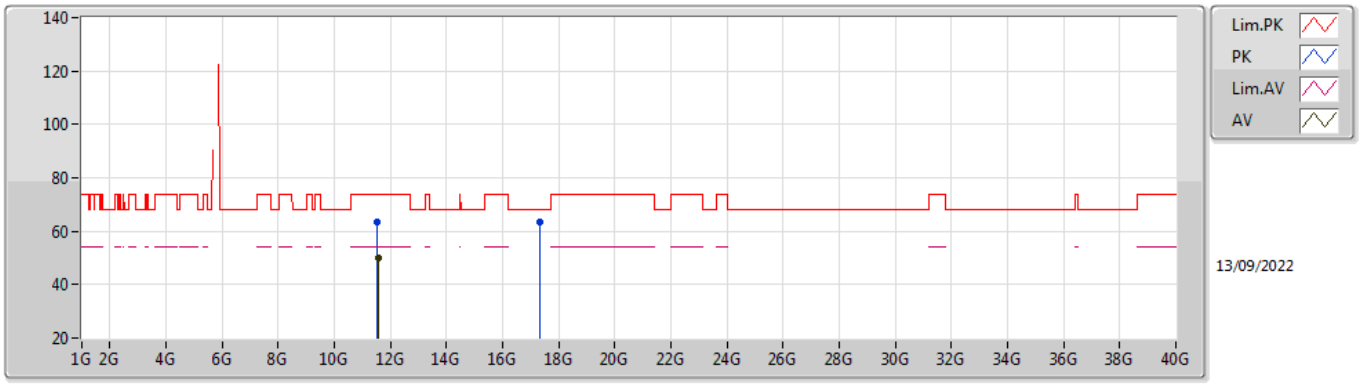


EUT Y_2TX
Setting 20.5
06-E-S-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.648G	64.80	68.20	-3.40	59.55	3	Vertical	337	1.80	-	31.80	5.90	32.45
PK	5.789G	112.32	Inf	-Inf	106.55	3	Vertical	337	1.80	-	32.28	5.90	32.41
AV	5.777G	101.49	Inf	-Inf	95.75	3	Vertical	337	1.80	-	32.25	5.90	32.41
PK	5.922G	69.32	70.42	-1.10	63.06	3	Vertical	337	1.80	-	32.60	6.02	32.36

802.11ax HEW80_Nss1,(MCS0)_2TX

5775MHz_TnomVnom

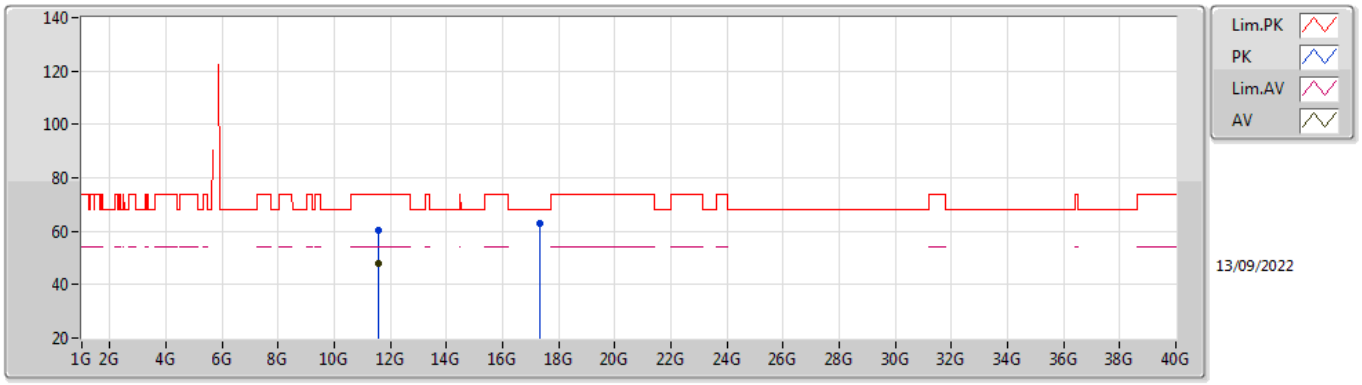


EUT Y_2TX
Setting 20.5
06-E-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.54424G	63.35	74.00	-10.65	48.74	3	Vertical	351	1.80	-	40.01	9.23	34.63
AV	11.55196G	49.89	54.00	-4.11	35.30	3	Vertical	351	1.80	-	40.00	9.23	34.64
PK	17.32536G	63.57	68.20	-4.63	46.33	3	Vertical	166	1.52	-	41.75	10.63	35.14

802.11ax HEW80_Nss1,(MCS0)_2TX

5775MHz_TnomVnom



EUT Y_2TX
Setting 20.5
06-E-S-5

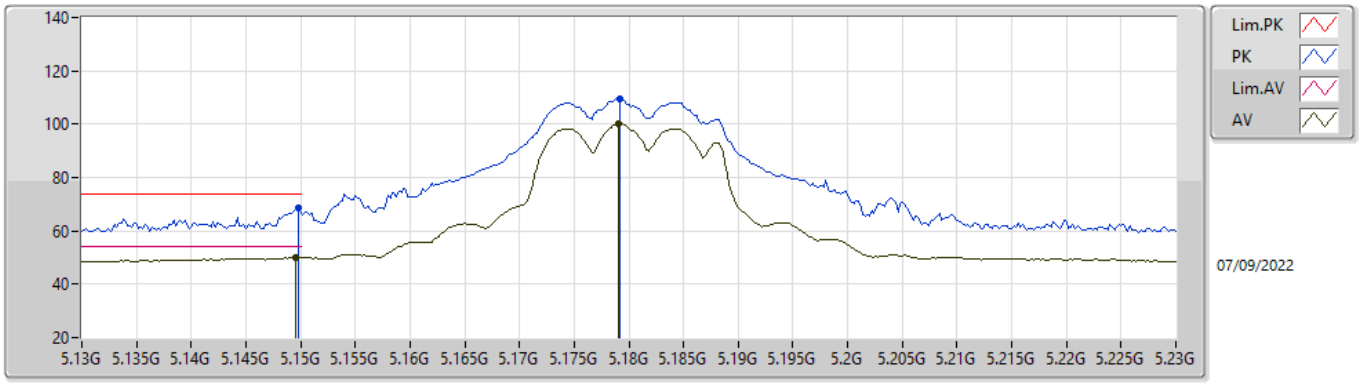
Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.55876G	60.11	74.00	-13.89	45.53	3	Horizontal	29	2.14	-	39.98	9.24	34.64
AV	11.5546G	47.86	54.00	-6.14	33.28	3	Horizontal	29	2.14	-	39.99	9.23	34.64
PK	17.33132G	62.89	68.20	-5.31	45.60	3	Horizontal	246	1.24	-	41.81	10.63	35.15

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.25-5.35GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW80_Nss1,(MCS0)_2TX	Pass	AV	5.35G	52.99	54.00	-1.01	3	Horizontal	319	1.62	-

802.11a_Nss1,(6Mbps)_2TX

5180MHz_TnomVnom

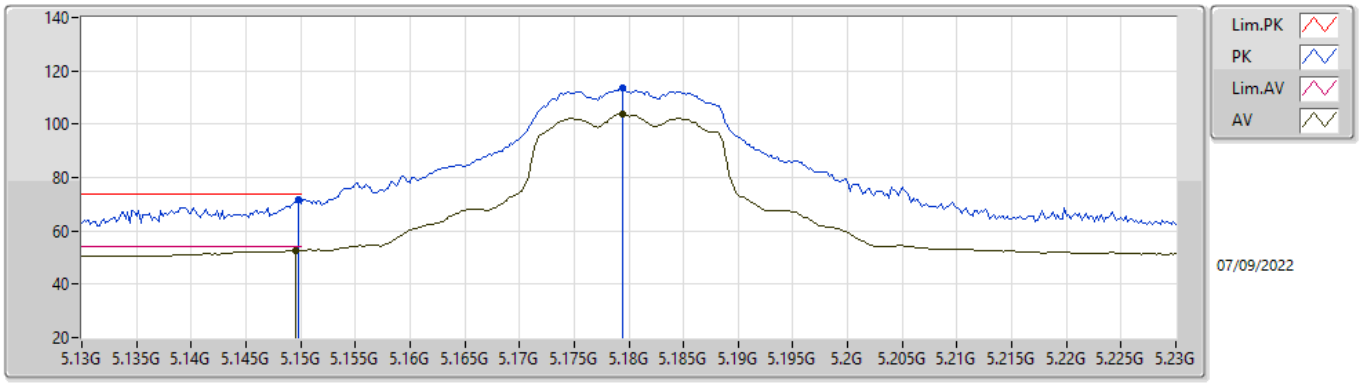


EUT Y_2TX
Setting 13
04-D-C-6-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1498G	68.56	74.00	-5.44	63.13	3	Vertical	1	2.32	-	32.90	5.05	32.52
AV	5.1496G	49.97	54.00	-4.03	44.54	3	Vertical	1	2.32	-	32.90	5.05	32.52
PK	5.1792G	109.72	Inf	-Inf	104.19	3	Vertical	1	2.32	-	32.96	5.08	32.51
AV	5.179G	100.01	Inf	-Inf	94.48	3	Vertical	1	2.32	-	32.96	5.08	32.51

802.11a_Nss1,(6Mbps)_2TX

5180MHz_TnomVnom

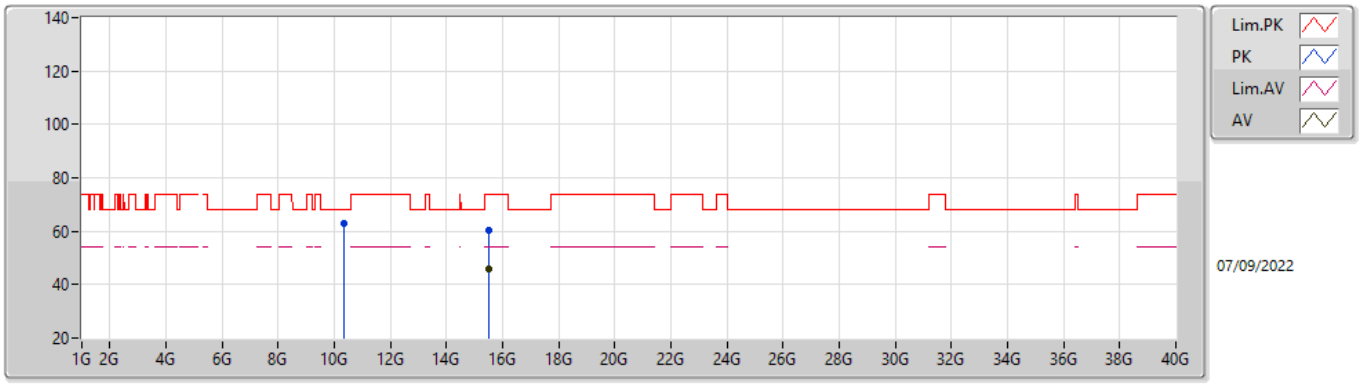


EUT Y_2TX
Setting 13
04-D-C-6-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1498G	71.52	74.00	-2.48	66.09	3	Horizontal	320	1.70	-	32.90	5.05	32.52
AV	5.1496G	52.75	54.00	-1.25	47.32	3	Horizontal	320	1.70	-	32.90	5.05	32.52
PK	5.1794G	113.69	Inf	-Inf	108.16	3	Horizontal	320	1.70	-	32.96	5.08	32.51
AV	5.1794G	103.86	Inf	-Inf	98.33	3	Horizontal	320	1.70	-	32.96	5.08	32.51

802.11a_Nss1,(6Mbps)_2TX

5180MHz_TnomVnom

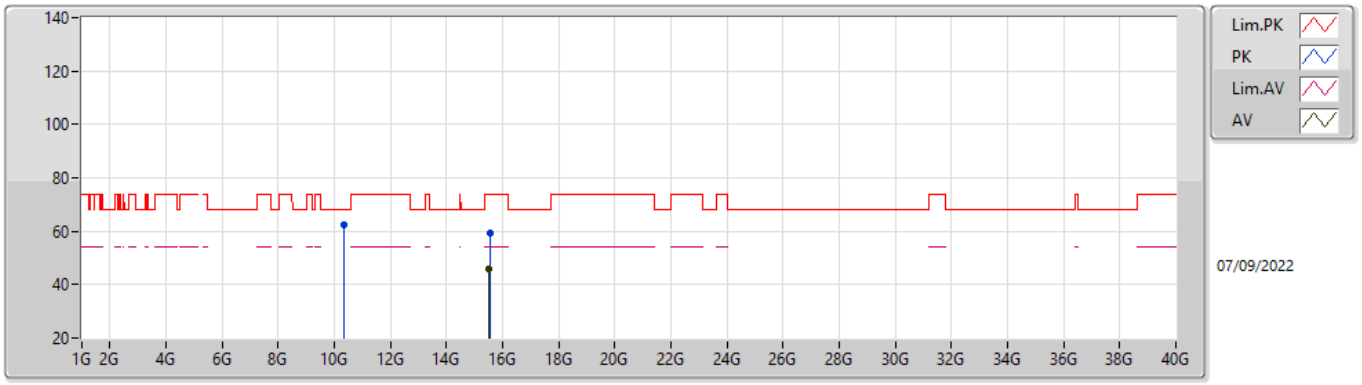


EUT Y_2TX
Setting 13
04-D-C-6

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.35658G	62.75	68.20	-5.45	48.92	3	Vertical	1	2.34	-	38.96	7.85	32.98
PK	15.52524G	60.33	74.00	-13.67	46.18	3	Vertical	5	1.80	-	38.90	8.98	33.73
AV	15.52644G	45.97	54.00	-8.03	31.83	3	Vertical	5	1.80	-	38.89	8.98	33.73

802.11a_Nss1,(6Mbps)_2TX

5180MHz_TnomVnom

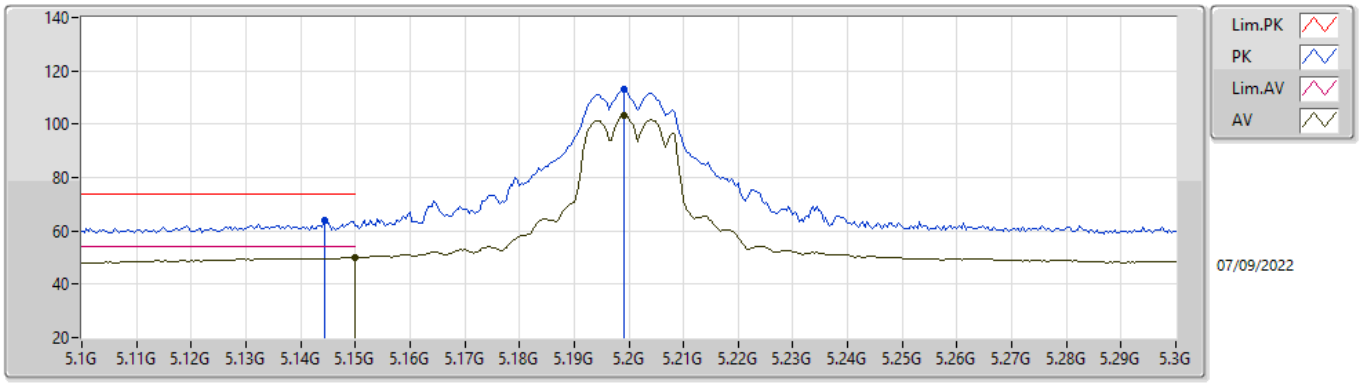


EUT Y_2TX
Setting 13
04-D-C-6

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.3555G	62.32	68.20	-5.88	48.49	3	Horizontal	21	2.26	-	38.96	7.85	32.98
PK	15.55434G	59.37	74.00	-14.63	45.34	3	Horizontal	44	1.80	-	38.78	8.99	33.74
AV	15.52872G	45.97	54.00	-8.03	31.83	3	Horizontal	44	1.80	-	38.89	8.98	33.73

802.11a_Nss1,(6Mbps)_2TX

5200MHz_TnomVnom

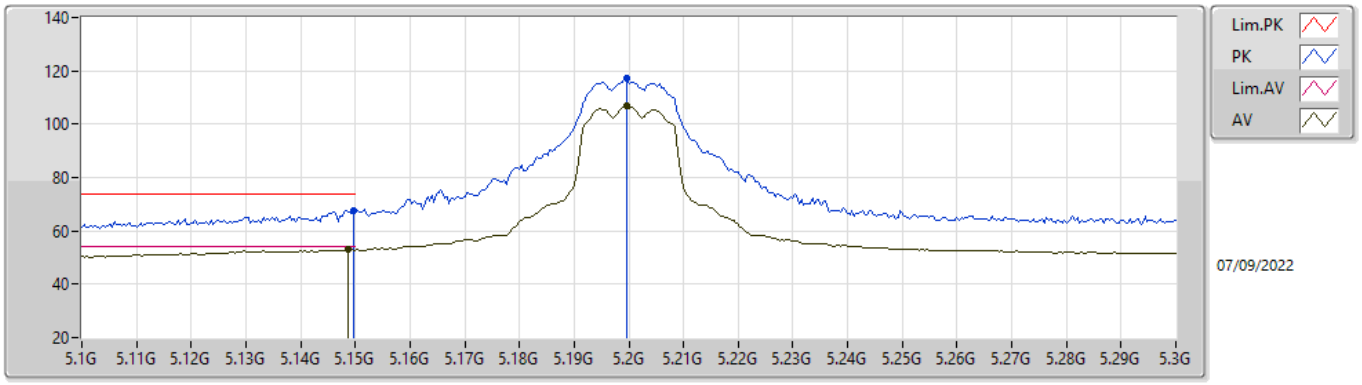


EUT Y_2TX
Setting 15
04-D-C-6-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1444G	64.15	74.00	-9.85	58.71	3	Vertical	360	2.39	-	32.92	5.04	32.52
AV	5.15G	50.08	54.00	-3.92	44.65	3	Vertical	360	2.39	-	32.90	5.05	32.52
PK	5.1992G	112.92	Inf	-Inf	107.33	3	Vertical	360	2.39	-	33.00	5.10	32.51
AV	5.1992G	103.36	Inf	-Inf	97.77	3	Vertical	360	2.39	-	33.00	5.10	32.51

802.11a_Nss1,(6Mbps)_2TX

5200MHz_TnomVnom

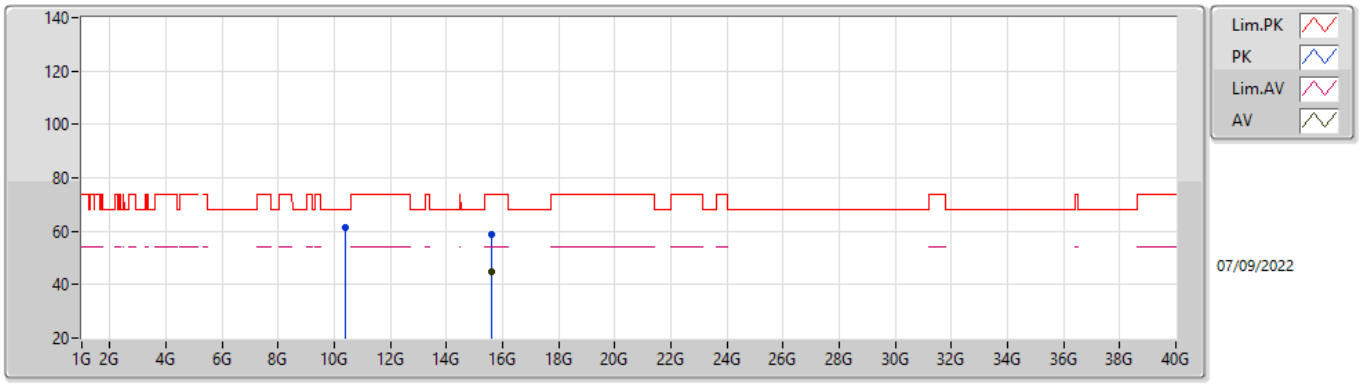


EUT Y_2TX
Setting 15
04-D-C-6-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1496G	67.67	74.00	-6.33	62.24	3	Horizontal	319	1.68	-	32.90	5.05	32.52
AV	5.1488G	52.88	54.00	-1.12	47.45	3	Horizontal	319	1.68	-	32.90	5.05	32.52
PK	5.1996G	117.04	Inf	-Inf	111.45	3	Horizontal	319	1.68	-	33.00	5.10	32.51
AV	5.1996G	106.93	Inf	-Inf	101.34	3	Horizontal	319	1.68	-	33.00	5.10	32.51

802.11a_Nss1,(6Mbps)_2TX

5200MHz_TnomVnom

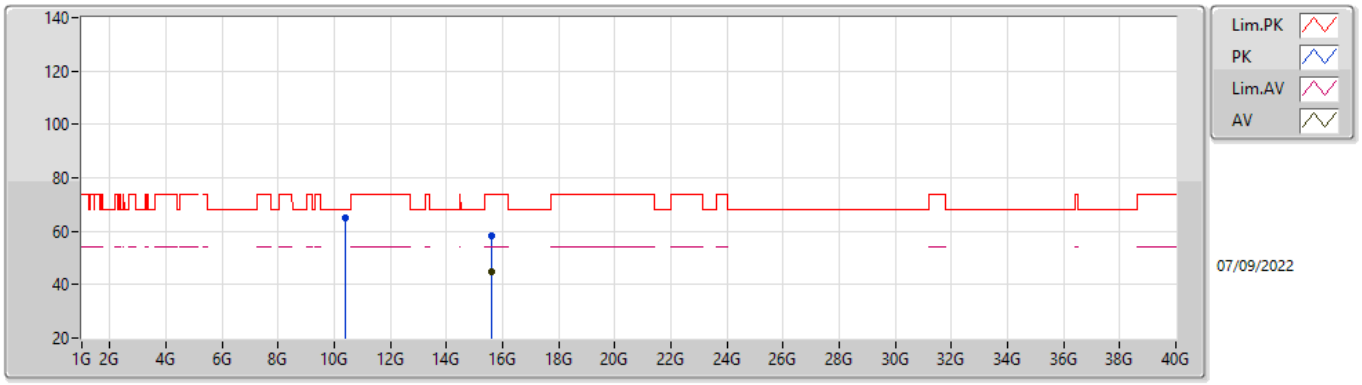


EUT Y_2TX
Setting 15
04-D-C-6

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.39904G	61.62	68.20	-6.58	47.74	3	Vertical	50	1.86	-	39.00	7.88	33.00
PK	15.5895G	58.62	74.00	-15.38	44.75	3	Vertical	166	1.80	-	38.64	9.00	33.77
AV	15.585G	44.87	54.00	-9.13	30.97	3	Vertical	166	1.80	-	38.66	9.00	33.76

802.11a_Nss1,(6Mbps)_2TX

5200MHz_TnomVnom

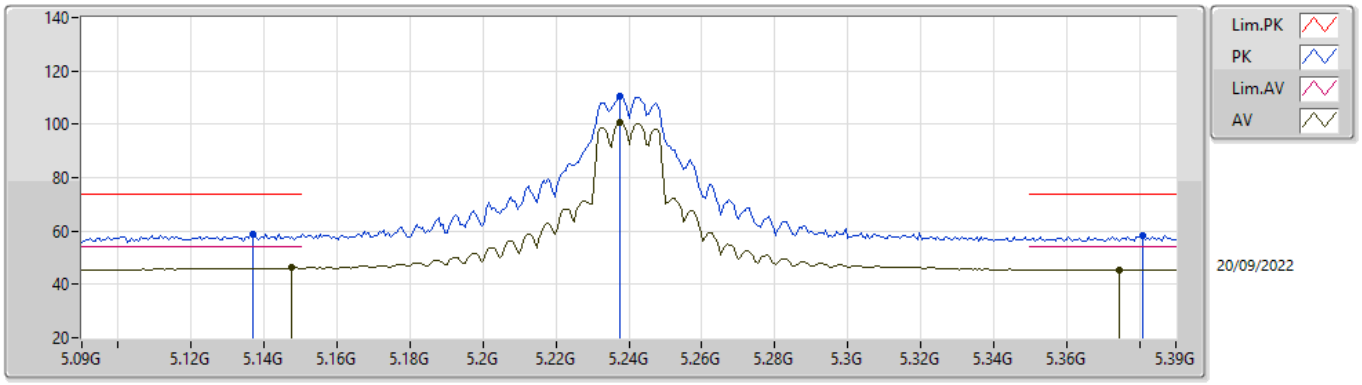


EUT Y_2TX
Setting 15
04-D-C-6

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.40576G	64.76	68.20	-3.44	50.87	3	Horizontal	22	2.22	-	39.01	7.88	33.00
PK	15.59256G	58.28	74.00	-15.72	44.42	3	Horizontal	50	1.80	-	38.63	9.00	33.77
AV	15.58542G	44.91	54.00	-9.09	31.01	3	Horizontal	50	1.80	-	38.66	9.00	33.76

802.11a_Nss1,(6Mbps)_2TX

5240MHz_TnomVnom

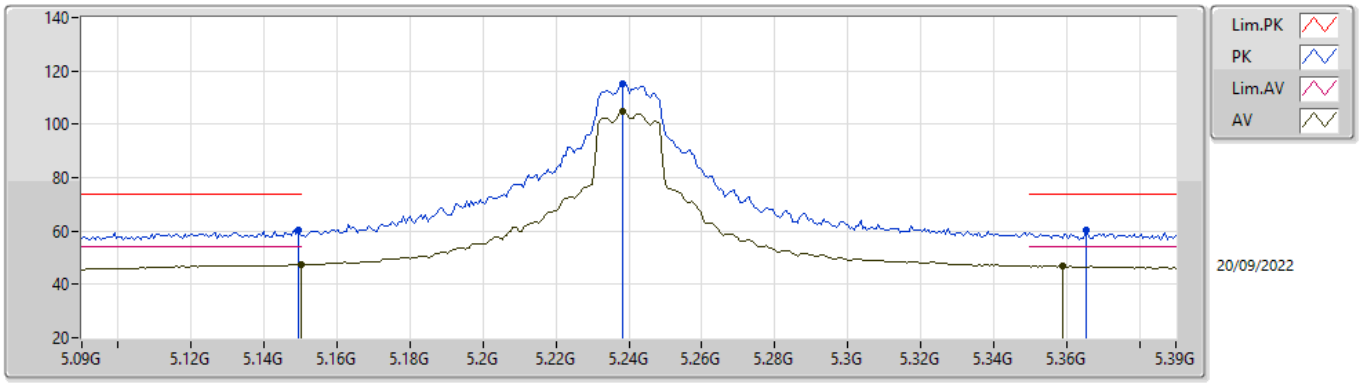


EUT Y_2TX
Setting 19
04-D-C-6-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1368G	59.03	74.00	-14.97	53.56	3	Vertical	38	1.96	-	32.95	5.04	32.52
AV	5.1476G	46.20	54.00	-7.80	40.76	3	Vertical	38	1.96	-	32.91	5.05	32.52
PK	5.2376G	110.39	Inf	-Inf	104.79	3	Vertical	38	1.96	-	33.00	5.10	32.50
AV	5.2376G	100.71	Inf	-Inf	95.11	3	Vertical	38	1.96	-	33.00	5.10	32.50
PK	5.381G	58.08	74.00	-15.92	52.15	3	Vertical	38	1.96	-	33.29	5.10	32.46
AV	5.3744G	45.55	54.00	-8.45	39.66	3	Vertical	38	1.96	-	33.25	5.10	32.46

802.11a_Nss1,(6Mbps)_2TX

5240MHz_TnomVnom

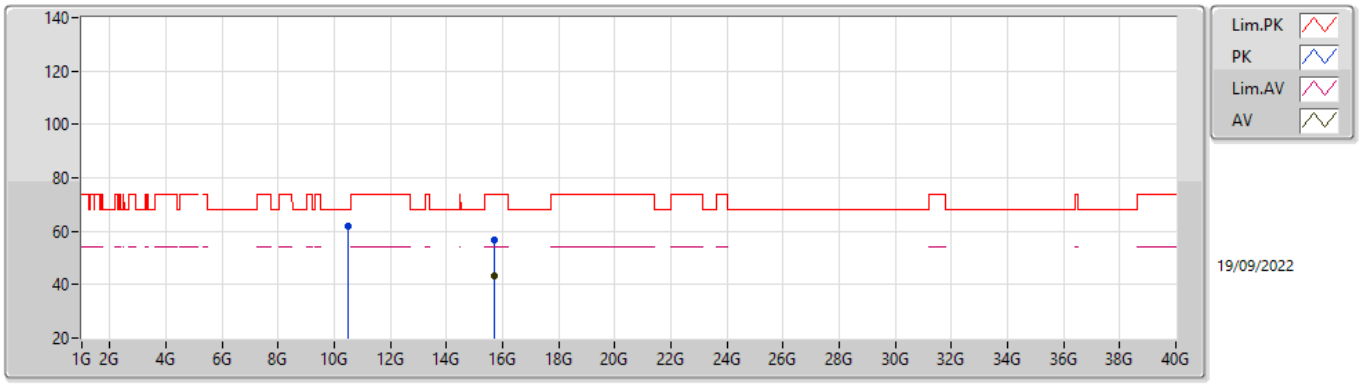


EUT Y_2TX
Setting 19
04-D-C-6-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1494G	60.19	74.00	-13.81	54.76	3	Horizontal	307	1.62	-	32.90	5.05	32.52
AV	5.15G	47.37	54.00	-6.63	41.94	3	Horizontal	307	1.62	-	32.90	5.05	32.52
PK	5.2382G	114.99	Inf	-Inf	109.39	3	Horizontal	307	1.62	-	33.00	5.10	32.50
AV	5.2382G	104.60	Inf	-Inf	99.00	3	Horizontal	307	1.62	-	33.00	5.10	32.50
PK	5.3654G	60.17	74.00	-13.83	54.34	3	Horizontal	307	1.62	-	33.19	5.10	32.46
AV	5.3588G	46.87	54.00	-7.13	41.09	3	Horizontal	307	1.62	-	33.15	5.10	32.47

802.11a_Nss1,(6Mbps)_2TX

5240MHz_TnomVnom

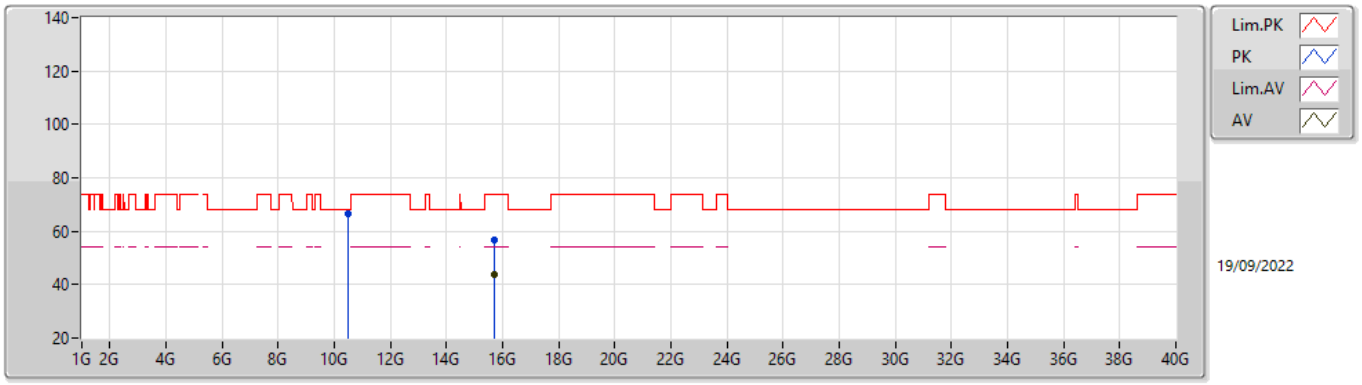


EUT Y_2TX
Setting 19
04-D-C-6

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.47562G	62.12	68.20	-6.08	48.07	3	Vertical	337	2.30	-	39.15	7.93	33.03
PK	15.72348G	56.50	74.00	-17.50	42.93	3	Vertical	147	2.01	-	38.39	9.03	33.85
AV	15.71064G	43.50	54.00	-10.50	29.97	3	Vertical	147	2.01	-	38.34	9.03	33.84

802.11a_Nss1,(6Mbps)_2TX

5240MHz_TnomVnom

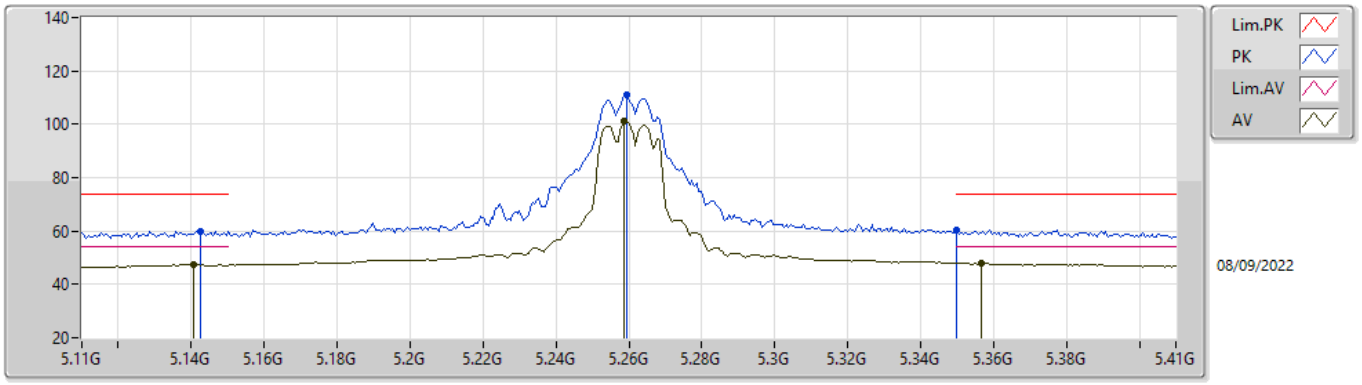


EUT Y_2TX
Setting 19
04-D-C-6

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.47568G	66.63	68.20	-1.57	52.58	3	Horizontal	24	2.17	-	39.15	7.93	33.03
PK	15.71928G	56.96	74.00	-17.04	43.40	3	Horizontal	160	1.63	-	38.38	9.03	33.85
AV	15.71928G	43.56	54.00	-10.44	30.00	3	Horizontal	160	1.63	-	38.38	9.03	33.85

802.11a_Nss1,(6Mbps)_2TX

5260MHz_TnomVnom



EUT Y_2TX
Setting 15.5
04-D-C-6-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1424G	60.06	74.00	-13.94	54.61	3	Vertical	359	2.16	-	32.93	5.04	32.52
AV	5.1406G	47.41	54.00	-6.59	41.95	3	Vertical	359	2.16	-	32.94	5.04	32.52
PK	5.2594G	110.92	Inf	-Inf	105.29	3	Vertical	359	2.16	-	33.02	5.10	32.49
AV	5.2588G	101.10	Inf	-Inf	95.47	3	Vertical	359	2.16	-	33.02	5.10	32.49
PK	5.35G	60.33	74.00	-13.67	54.60	3	Vertical	359	2.16	-	33.10	5.10	32.47
AV	5.3566G	47.93	54.00	-6.07	42.16	3	Vertical	359	2.16	-	33.14	5.10	32.47